



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION



TALBERT, BRIGHT & ELLINGTON



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

Prepared for:

**Rowan County Board of Commissioners,
Federal Aviation Administration,
and
North Carolina Department of Transportation, Division of Aviation**

Prepared by

TALBERT, BRIGHT & ELLINGTON, INC.

September 2016



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

Table of Contents

1.0	INTRODUCTION.....	1
1.1	Deviation from Approved 2008 Airport Master Plan and Airport Layout Plan	1
1.1.1	Perma-Flex (Southern), Inc.	1
1.1.2	Runway 02/20 Extension Alternatives Analysis	4
1.2	2008 Airport Master Plan Forecast Update.....	5
1.2.1	Current and Historic Airport Activity Levels	6
1.2.2	Forecast of Based Aircraft.....	7
1.2.3	Forecast of Aircraft Operations.....	8
1.2.4	Operations by Aircraft Type.....	8
1.2.5	Local and Itinerant Operations Forecast.....	9
1.2.6	Instrument Operations Forecasts	12
1.2.7	Forecast of Airport Peaking Characteristics.....	13
1.2.8	Critical Aircraft Forecast.....	13
1.3	Fleet Mix.....	15
2.0	RUNWAY SAFETY AREA LENGTH DETERMINATION	20
2.1	Runway Design Code Determination	20
2.2	Runway Safety Area Dimensions.....	22
2.3	Runway 02 Safety Area Alternatives.....	26
3.2.2.1	Displacing Runway 02 Landing Threshold.....	26
3.2.2.2	Extending RSA to Meet Requirements	26
3.0	RUNWAY LENGTH EVALUATION.....	27
3.1	Procedure to Determine Runway Length.....	27
3.2	Runway Length Determination.....	32
3.3	Runway Length.....	32
4.0	AIRPORT LAYOUT PLAN DRAWING SET COMPONENTS.....	37
4.1	Cover Sheet.....	37
4.2	Existing Conditions Plan.....	37
4.3	Airport Layout Plan	38
4.4	Terminal Area Plan	38
4.5	Airport Airspace Profile and Inner Approach Surface Drawing	39
4.6	Airport Airspace Drawing.....	39
4.7	Land Use Plan.....	40
4.8	Airport Property Map.....	40
5.0	AIRPORT DEVELOPMENT PROGRAM.....	62



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

Appendices

A	Excerpts from Rowan County Airport Master Plan and Runway Extension Justification (Conditionally Approved October 2008)	A-1
B	Instrument Flight Rule (IFR) Data	B-1
C	North Carolina Airport System Plan – 2015 Individual Airport Summary: Rowan County Airport	C-1
D	Preliminary Airport Development Costs.....	D-1

Tables

1.1.2-1	Preliminary Opinion of Probable Costs	4
1.1.2-2	Revised Preliminary Opinion of Probable Costs	5
1.2.1-1	Historic Activity Levels.....	6
1.2.2-1	Based Aircraft Forecast Comparison.....	7
1.2.2-2	Based Aircraft Forecast by Type	9
1.2.3-1	Annual Operations Forecast Comparison	10
1.2.4-1	Average Percentage of Instrument Operations by Type	10
1.2.4-1	Forecast Operations by Aircraft Type	11
1.2.5-1	Current Percentage of Operations by Type.....	11
1.2.5-2	Forecast Annual Operations by Type.....	11
1.2.6-1	Instrument Operations Forecasts.....	12
1.2.7-1	Airport Operations Peeling Characteristics	13
1.2.8-1	Historic Instrument Operations by Aircraft Type.....	14
1.2.8-2	Forecast Operations by Aircraft Type	14
1.3-1	Critical Aircraft.....	15
1.3-2	Instrument Flight Rule Operations by Aircraft Type.....	16
2.1-1	Aircraft Approach Category.....	21
2.1-2	Aircraft Design Group.....	21
2.2-1	Runway 02/20 Displaced Threshold Declared Distances	22
2.2-2	Existing Runway Safety Area Dimensions and Design Standards	23
2.2-3	Estimated Cost – Runway 02 Threshold Displacement	23
3.1-1	Airplanes that Make Up 75 Percent of the Fleet.....	28
3.1-2	Remaining 25 Percent of Airplanes that Make Up 100 Percent of the Fleet.....	29
3.1-3	IFR Operations Based on Tables 3.1-1 and 3.1-2.....	30
3.2-1	Calculation for 100 Percent of the Fleet	32
3.3-1	Estimated Cost – Runway 20 Extension.....	35
5.0.1	Preliminary Airport Development Costs.....	62



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

Figures

2.2-1	Runway 02-20 Projects.....	24
2.2-2	Relocation of Runway 02 Threshold	25
3.2-1	100% Fleet at 60% and 90% Useful Load	33
3.3-1	Extension of Runway 20.....	34
1	Cover Sheet.....	41
2	Existing Conditions Drawing.....	42
3	Airport Layout Plan.....	43
4	Terminal Area Plan.....	44
5	Runway 02 Inner Approach Surface Existing Plan and Profile.....	45
6	Runway 20 Inner Departure Surface Existing Plan and Profile	46
7	Runway 02 Inner Approach Surface Ultimate Plan and Profile	47
8	Runway 20 Inner Departure Surface Ultimate Plan and Profile.....	48
9	Runway 02-20 Approach Surface Existing and Ultimate Obstruction Data	49
10	Runway 02-20 Centerline Existing and Ultimate Plan and Profile.....	50
11	Runway 02-20 Departure Surface Existing and Ultimate Plan and Profile Overview	51
12	Runway 02 Departure Surface Existing Plan View.....	52
13	Runway 02 Departure Surface Existing Profile View.....	53
14	Runway 20 Departure Surface Existing Plan and Profile	54
15	Runway 02 Departure Surface Ultimate Plan View.....	55
16	Runway 02 Departure Surface Ultimate Profile View.....	56
17	Runway 20 Departure Surface Ultimate Plan and Profile.....	57
18	Runway 02-20 Departure Surface Existing and Ultimate Obstruction Data.....	58
19	Airport Airspace Drawing Part 77 Surface	59
20	Land Use Plan	60
21	Airport Property Map (Exhibit “A”)	61



1.0 INTRODUCTION

In October 2008, the North Carolina Department of Transportation Division of Aviation (NCDOT-DOA) approved the Airport Master Plan (AMP) and Airport Layout Plan (ALP) drawing set for the Rowan County Airport (RUQ). The approved ALP outlined the need for a 1,000-foot runway extension and an alternatives analysis for the extension (Appendix A, pages 1 through A-14). The proposed extension would provide RUQ with a 6,500-foot runway.

As outlined in the letter to Mr. Thad Howell, Rowan County Airport Director from Mr. Bobby Walston, Director of Aviation, North Carolina Department of Transportation, Division of Aviation (NCDOT-DOA, dated March 10, 2014) and review comments provided by NCDOT-DOA (dated July 21, 2016), Rowan County is providing the necessary data to update the October 2008 ALP. This report includes:

- 2008 Airport Master Plan Alternatives Analysis
- Updated Aircraft Operations Forecasts
- Fleet Mix Evaluation
- Runway Safety Area Length Determination
- Runway Design Code Determination
- Airport Layout Plans
- Development Plan
- GIS ALP Update and Obstruction Survey

1.1 Deviation from Approved 2008 Airport Master Plan and Airport Layout Plan

1.1.1 Perma-Flex (Southern), Inc.

The Rowan County AMP and ALP were approved in October 2008 by NCDOT. The approved ALP consisted of a 1,000-foot extension on the Runway 02 end, which would require the acquisition of 19 parcels of property for the extension and relocation of Airport Road. On October 6, 2010, the County entered into contract with Talbert Bright & Ellington to acquire 9.5 acres of property from Perma-Flex (Southern), Inc. This property was one of the 12 properties required for the Runway 02 1,000-foot extension. Prior to initiation of the appraisal for the property, it was brought to the Airport's attention that the Perma-Flex site had:

...Environmental impacts to soil and groundwater exceeding state and federal screening values have been measured at several areas of the facility. Additionally, groundwater and surface water impacts have been measured at locations off-site and to the west of the Perma-Flex property (i.e., topographically and hydrogeologically downgradient). According to the most recent environmental assessment document, the primary area of environmental impact at the facility is in the region of historical wastewater discharges to the ground surface, located near a wastewater above-ground storage tank (AST) at the southern margin of the facility building (ERM, 2010). Wastewater discharged to the ground contained chlorinated



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

*solvents, primarily tetrachloroethene (PCE), as determined by soil and groundwater contaminant concentrations. Measured concentrations of PCE in groundwater in the region of the wastewater discharge area are high enough, in the view of many environmental professionals, to indicate that pure-phase PCE solvent likely exists in the subsurface (rather than dissolved, relatively dilute concentrations), which is interpreted to provide a relatively significant and persistent source of contaminant mass for the formation of a groundwater contamination plume. As with many environmental sites located in the Piedmont Physiographic Province of NC, the groundwater plume extends vertically downward to reach the lower, partially weathered rock zone of the aquifer, through which a preferred flow pathway is present for contaminant migration. At some point downgradient, to the west or northwest of the site, the plume likely discharges to the local tributary stream. Measured contaminant impacts to surface water along the stream section to the west of the facility (ERM, 2010) may be indicative of a portion of this plume discharge, and may also be indicative of stormwater and/or sediment contaminant impacts related to the over-land discharge of wastewater at the facility. Additional environmental assessment activities by the responsible party, including the assessment of additional potential contaminants and impacted media that have not been evaluated to date, are ongoing. Finally, it is noted that one or more water supply wells in the region of the facility have been identified within historical environmental assessment documents. The current existence and use of these wells is unknown, although no evidence of the sampling of water supply wells for potential environmental impacts was found during the review of environmental documents...*¹

In addition, example cost estimates were completed

...for several combinations of potentially applicable remediation technologies that may be selected and implemented for remediation of impacted environmental media upon completion of the AA-required ongoing environmental assessment activities at the facility. Currently anticipated remedial activities, based on assessment activities to date, include the following assessment, remediation, and monitoring objectives:

- *Pre-remediation, detailed characterization of the distribution of source area contamination*
- *Unsaturated soil remediation within the release area(s)*
- *Saturated soil and groundwater remediation within the relatively impacted aquifer zone (e.g., zone of interpreted pure-phase chlorinated solvent contamination, plus a surrounding area of relatively impacted aquifer)*
- *Secondary remedial measure implemented at a downgradient location within the aquifer (i.e., closer to the tributary stream) to provide protection of surface water quality*
- *Annual monitoring, evaluations, and reporting of remediation efficacy during an estimated 30-year remediation and monitoring period*

... remediation costs can be expected to be in the neighborhood of \$5.5 to \$9.2 million dollars over a routinely estimated 30-year remediation timeframe (starting from the present). It should be noted that costs incurred over a length of time greater than three years were calculated as present-value costs using a

¹Golder Associate NC, Inc. (Rachel Kirkman and Jeff Frazier), "Summary Memorandum Regarding Perma-Flex Parcel Environmental Conditions," memorandum to Rowan County (Kathryn Jolly), September 27, 2011.



static interest rate of 5% and a static inflation rate of 2.5%. The example present-value cost estimates presented are sensitive to the selected discount rate, and the County may provide a suggested discount rate for adjustment of the cost estimates at its discretion. Additionally, the following assumptions and limitations are noted regarding the example cost estimates:

- *Since site assessment and pre-remedial characterization is incomplete at this time, example cost estimates were produced using published cost rates for potentially selected remedial technologies. This degree of detail is appropriate at this stage of remedial costing.*
- *Pending site assessment and pre-remedial characterization activities may identify additional areas of impact, site contaminants, risk receptors (e.g. an impacted drinking water well), and/or impacted media, requiring additional remediation cost...²*

Based on the information provided

...In November 2009, the responsible party for the environmental issues at the Perma-Flex facility entered into an Administrative Agreement (AA) with the Registered Environmental Consultant Program (REC) of the Inactive Hazardous Sites Branch (IHSB) of the Superfund Section of the Division of Waste Management (DWM) of DENR. The program allows for relatively independent environmental assessment and remediation by a REC attained by the responsible party. The AA for the Perma-Flex parcel requires the following schedule of environmental assessment and remediation activities:

- *3 years allotted for the completion of environmental assessment activities and reporting (due November 2012)*
- *Additional 2 years allotted for initiation of groundwater remediation (due November 2014)*
- *Other impacted environmental media to be cleaned up within 8 years of the date of the AA (due November 2016)*

To date, the REC has submitted a remedial investigation plan, and implementation of the additional environmental assessment activities outlined in the plan is ongoing...³

It is not known whether the above deadlines have been met, but based on the information provided by Golder Associates NC, Inc., the decision was made by Rowan County not to purchase the property or assume the liability of the remediation required to achieve a clean site.

²*Ibid.*

³*Ibid.*



1.1.2 Runway 02/20 Extension Alternatives Analysis

As part of the 2008 AMP and ALP, Rowan County determined that because of the continued increase in aircraft operations, along with the need to upgrade the facility to meet FAA regulations, airfield improvement projects were vital to the safe and efficient operation of the facility. The improvements included a 1,000-foot extension to the existing 5,500-foot runway, an upgraded runway safety area (RSA) to Runway 02, and taxiway lighting (Appendix A). In addition, the extension of Runway 02-20 and upgrade of the Runway 02 RSA to meet current FAA regulations would result in the relocation of Airport Road; therefore requiring the acquisition of several properties.

Due to physical and economic constraints of the surrounding area, the project would consist of one of the following three options (Table 1.1.2-1 outlines the preliminary opinion of probable costs from the 2008 AMP):

- Alternative 1 – 500-foot extension to the north (Runway 20) and 500-foot extension to the south (Runway 02)
- Alternative 2 – 1,000-foot extension to the south (Runway 02)
- Alternative 3 – 1,000-foot extension to the north (Runway 20)

**Table 1.1.2-1
Preliminary Opinion of Probable Costs
Rowan County Airport**

Work Element	Alternative		
	1*	2*	3**
Benefit Cost Analysis/Environmental Documentation	\$375,000	\$375,000	\$375,000
Land Acquisition	\$11,107,350	\$11,107,350	\$0
Airport Road Relocation	\$2,633,155	\$2,633,155	\$0
Runway Extension	\$6,496,950	\$3,770,885	\$22,545,870
TOTAL	\$20,612,456	\$17,886,392	\$22,920,873
Perma-Flex Property Remediation ¹	\$9,200,000	\$9,200,000	\$0
TOTAL	\$29,812,456	\$27,086,392	\$22,920,873
[*] 2008 estimates. ^{**} 2015 estimates. ¹ Golder Associate NC, Inc. (Rachel Kirkman and Jeff Frazier), "Summary Memorandum Regarding Perma-Flex Parcel Environmental Conditions," memorandum to Rowan County (Kathryn Jolly), September 27, 2011. Source: Talbert, Bright & Ellington, Inc. (October 2008), "Rowan County Airport Master Plan and Runway Extension Justification," approved by NCDOT-DOA October 2008.			

Since the extension of Runway 02/20 on the approved AMP could no longer be implemented, the need for the extension was reevaluated (Section 3.0 – Runway Length Evaluation, page 26)



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

at the request of the Federal Aviation Administration (FAA) and NCDOT-DOA. Table 1.1.2-2 (page 5) provides an updated preliminary opinion of probable costs for the alternative (Alternative 3 – 1,000-foot extension to the north [Runway 20]) chosen. This alternative has minimal environmental impacts in comparison to the original alternative (Alternative 2 – 1,000-foot extension to the south [Runway 02]) approved on the ALP.⁴

Table 1.1.2-2 Revised Preliminary Opinion of Probable Costs Rowan County Airport		
Work Element	Alternative	
	3 (2008)	3 (2015)
Benefit Cost Analysis/Environmental Documentation	\$375,000	\$425,000
Airport Road Relocation	\$0	\$0
Runway Extension	\$22,545,870	\$23,613,300
TOTAL	\$22,920,873.00	\$24,038,300.00
Source: Talbert, Bright & Ellington, Inc. (October 2008), "Rowan County Airport Master Plan and Runway Extension Justification," approved by NCDOT-DOA October 2008. Talbert, Bright & Ellington, Inc., August 2015.		

1.2 2008 Airport Master Plan Forecast Update

General aviation forecasts represent a key component in the airport planning process. Aviation forecasts are time-based projections that provide a reasonable expectation for anticipating airport demand and serve as a guide in determining required airport infrastructure, equipment and service needs. The updated Rowan County Airport forecasts provide a reassessment of activity during the next 20-year (2017-2036) planning period and are used as the basis for the justification for future airport facilities and infrastructure.

The Rowan County Airport Master Plan was approved in 2008 and included a comprehensive evaluation of existing and future airport activity levels. Recent changes in system-wide aviation activity including the economic recession beginning in 2008 have prompted a reevaluation of the RUQ forecasts. In 2015, the North Carolina Airport System Plan (NCASP)⁵ was developed, which includes forecasts for all airports in North Carolina. These forecasts account for the recent aviation trends and represent the most accurate future activity level for RUQ. Therefore, these forecasts were

⁴Talbert, Bright & Ellington, Inc. (November 2013), "Rowan County Airport Runway 20 500-Foot Extension Categorical Exclusion," prepared for Rowan County and North Carolina Department of Transportation Division of Aviation, approved January 7, 2014 by Rowan County Airport Manager and January 10, 2014 by NCDOT-DOA Airport Project Manager.

⁵Parsons Brinckerhoff in association with Kimley-Horn and Associates, Marr Arnold Planning, Landrum & Brown (December 2015), "Technical Report, North Carolina Airport System Plan Update," prepared for North Carolina Department of Transportation Division of Aviation.



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

adopted for this forecast update analysis. The forecasts use the NCASP numbers, which were then analyzed by specific forecast item such as based aircraft by type or annual operations by type. This level of detail is not included in the NCASP but can be deduced using standard forecasting methods. Additional sources of data used to refine the forecasts include:

- Rowan County Airport Records
- FAA Terminal Area Forecasts (TAF)⁶
- FAA Traffic Flow Management System Counts (TFMSC)⁷

1.2.1 Current and Historic Airport Activity Levels

A snapshot of current and historic airport activity is listed in Table 1.2.1-1

Table 1.2.1-1 Historic Activity Levels Rowan County Airport				
Year	Based Aircraft		Annual Operations	
	TAF	NCASP	TAF	NCASP
2007	99		31,000	
2008	87		31,000	
2009	87		43,000	
2010	81		43,000	
2011	83	91	43,000	39,100
2012	88	93	43,000	39,920
2013	106	95	43,000	40,740
2014	101	96	43,000	41,560
2015	101	98	43,000	42,380
2016	101	100	43,000	43,200
Note: The 2015 NCASP numbers were interpolated. Source: Federal Aviation Administration, "FAA APO Terminal Area Forecast Detail Report," < http://aspm.faa.gov/ >, accessed August 5, 2016. Parsons Brinckerhoff in association with Kimley-Horn and Associates, Marr Arnold Planning, Landrum & Brown (December 2015), "Technical Report, North Carolina Airport System Plan Update," prepared for North Carolina Department of Transportation Division of Aviation.				

⁶Federal Aviation Administration, "FAA APO Terminal Area Forecast Detail Report," <<http://aspm.faa.gov/>>, accessed August 5, 2016.

⁷Federal Aviation Administration, "Traffic Flow Management System Counts," <<http://aspm.faa.gov/>>, accessed August 5, 2016.



1.2.2 Forecast of Based Aircraft

A based aircraft is defined as an actively registered airplane stationed at a select airport, which regularly uses that airport as the primary “home-base” for filing flight plans, frequently uses available airport amenities, and/or maintains a formal commitment for long-term parking/storage.

The number of based aircraft at a given airport directly impacts the size, number, and type of facilities needed at that airport. Table 1.2.2-1 lists the RUQ based aircraft forecasts from the 2016 TAF and 2015 NCASP.

**Table 1.2.2-1
Based Aircraft Forecast Comparison
Rowan County Airport**

Year	2016 TAF	2015 NCASP
2017	101	102
2018	101	104
2019	101	107
2020	101	109
2021	101	111
2022	101	113
2023	101	116
2024	101	118
2025	101	121
2026	101	123
2027	101	125
2028	101	128
2029	101	130
2030	101	133
2031	101	135
2032	101	138
2033	101	140
2034	101	143
2035	101	146
2036	101	149

Note: The 2015 NCASP numbers were interpolated.

Source: Federal Aviation Administration, “FAA APO Terminal Area Forecast Detail Report,” <<http://aspm.faa.gov/>>, accessed August 5, 2016.

Parsons Brinckerhoff in association with Kimley-Horn and Associates, Marr Arnold Planning, Landrum & Brown (December 2015), “Technical Report, North Carolina Airport System Plan Update,” prepared for North Carolina Department of Transportation Division of Aviation.



The NCASP indicates that based aircraft will increase from 102 in 2017 to 135 in 2031. This represents a 2.0 percent annual increase in based aircraft which would result in 149 based aircraft at RUQ by 2036 if based aircraft continue to grow at the same rate. These forecasts represent “unconstrained” growth and are not limited by existing or future airport facilities or size. The FAA Terminal Area Forecast based aircraft projections are also included in Table 1.2.2-1 (page 7); however, no increase is forecast by the FAA over the planning period.

These forecast numbers are categorized by type of aircraft propulsion over the 20-year planning period, as shown in Table 1.2.2-2 (page 9). The existing (2016) ratios of aircraft type compared to the total number of based aircraft at RUQ are listed in the 2016 row in Table 1.2.2-2 (page 9). The FAA Aerospace Forecasts⁸ were evaluated to determine appropriate future based aircraft ratios for the Airport. The total fleet of single and multi-engine piston powered aircraft is forecast to decline over the next 20 years according to the FAA while turboprop, jet, and helicopters will increase. These growth assumptions have been incorporated into the forecast fleet mix for RUQ with the proposed based aircraft percentages listed for 2036. A constant growth rate between the 2016 and 2036 forecast fleet mix numbers is depicted in Table 1.2.2-2 (page 9). The number of based single and multi-engine aircraft is forecast to increase at RUQ but at a slower rate than the turboprops, and jets.

1.2.3 Forecast of Aircraft Operations

An aircraft operation is defined as either a takeoff or landing at an airport (i.e., a touch and go consists of two operations). The number of forecast annual operations at an airport is used to determine future facilities that may be required to accommodate this activity such as runways and aprons. A list of the RUQ forecast operations from the NCASP is shown in Table 1.2.3-1 (page 10).

The NCASP projects an increase of 19,350 operations at RUQ over the next 20 years. Also, the annual operations in the TAF are derived from the based aircraft forecasts which are flat for RUQ. It should be noted that this “no growth” forecast is not realistic for RUQ given the current level of operations and recent increases in based aircraft and operations at the Airport.

1.2.4 Operations by Aircraft Type

The forecast operations levels are divided into the specific categories of aircraft based on the type of propulsion. The based aircraft forecasts are grouped into these same categories. The percentages of operations by aircraft type were also determined using the FAA TFMSC data, which lists all instrument aircraft operations at RUQ by specific aircraft type. Table 1.2.4-1 (page 10) lists the average operations by type for 2014. The majority of the operations are conducted by single, reciprocating-engine aircraft (63.7percent).

⁸Federal Aviation Administration, “FAA Aerospace Forecast Fiscal Years 2016-2036,”
<http://www.faa.gov/data_research/aviation/aerospace_forecasts/>, accessed August 5, 2016.



**Table 1.2.2-2
Based Aircraft Forecast by Type
Rowan County Airport**

Year	Single-Engine	Multi-Engine	Turboprop	Jet	Helicopter	Total
2016	75 (72.8%)	9 (8.7%)	0 (0%)	5 (4.9%)	14 (13.6%)	103 (100%)
2017	74	9	0	5	14	102
2018	76	9	0	5	14	104
2019	78	9	1	5	14	107
2020	80	9	1	5	14	109
2021	81	9	1	5	15	111
2022	81	10	1	6	15	113
2023	84	10	1	6	15	116
2024	86	10	1	6	15	118
2025	89	10	1	6	15	121
2026	91	10	1	6	15	123
2027	92	10	2	6	15	125
2028	95	10	2	6	15	128
2029	95	10	2	7	16	130
2030	97	11	2	7	16	133
2031	99	11	2	7	16	135
2032	102	11	2	7	16	138
2033	104	11	2	7	16	140
2034	106	11	3	7	16	143
2035	108	11	3	8	16	146
2036	111 (74.5%)	11 (7.4%)	3 (2.0%)	8 (5.4%)	16 (10.7%)	149 (100%)

Source: Talbert, Bright & Ellington, Inc., August 2016.

Table 1.2.4-2 (page 11) lists the forecast operations levels by aircraft type using the percentages from Table 1.2.4-1 (page 10) as a guideline. The total operations forecasts were multiplied by the aircraft type percentages to determine the approximate number of operations by aircraft type.

1.2.5 Local and Itinerant Operations Forecast

The forecast operations at the Rowan County Airport were also divided into local and itinerant operations categories, as well as general aviation and military classifications. Local operations consist of those within a 25-mile radius of the Airport vicinity. Itinerant operations include flights having a terminus of flight from another airport at least 25 miles away. Table 1.2.5-1 (page 11) lists the current average percentages of itinerant versus local operations at the Rowan County Airport based on the TAF data for 2016. Table 1.2.5-2 (page 11) shows the TAF breakdown of annual operations, by operation type for the Airport throughout the 20-year planning period.



**Table 1.2.3-1
Annual Operations Forecast Comparison
Rowan County Airport**

Year	2016 TAF	2015 NCASP
2017	43,000	44,100
2018	43,000	45,000
2019	43,000	45,900
2020	43,000	46,800
2021	43,000	47,700
2022	43,000	48,750
2023	43,000	49,800
2024	43,000	50,850
2025	43,000	51,900
2026	43,000	52,950
2027	43,000	54,000
2028	43,000	55,050
2029	43,000	56,100
2030	43,000	57,150
2031	43,000	58,200
2032	43,000	59,250
2033	43,000	60,300
2034	43,000	61,350
2035	43,000	62,400
2036	43,000	63,450

Note: The 2015 NCASP numbers were interpolated.

Source: Federal Aviation Administration, "FAA APO Terminal Area Forecast Detail Report," <<http://aspm.faa.gov/>>, accessed August 5, 2016.

Parsons Brinckerhoff in association with Kimley-Horn and Associates, Marr Arnold Planning, Landrum & Brown (December 2015), "Technical Report, North Carolina Airport System Plan Update," prepared for North Carolina Department of Transportation Division of Aviation.

**Table 1.2.4-1
Average Percentage of Instrument Operations by Type
Rowan County Airport**

Single-Engine	Multi-Engine	Turboprop	Jet	Helicopter	Total
63.7%	6.3%	2.2%	7.4%	20.4%	100.0%

Source: Federal Aviation Administration, "Traffic Flow Management System Counts 2001-2014," <<http://aspm.faa.gov/>>, accessed August 5, 2016.



Table 1.2.4-2
Forecast Operations by Aircraft Type
Rowan County Airport

Year	Single-Engine	Multi-Engine	Turboprop	Jet	Helicopter	Total
2017	28,092	2,778	970	3,263	8,996	44,100
2022	31,054	3,071	1,073	3,608	9,945	48,750
2027	34,398	3,402	1,188	3,996	11,016	54,000
2036	40,418	3,997	1,396	4,695	12,944	63,450

Source: Talbert, Bright & Ellington, Inc., August 2016.

Table 1.2.5-1
Current Percentage of Operations by Type
Rowan County Airport

Year	Itinerant Operations			Local Operations		Total
	Air Taxi	General Aviation	Military	General Aviation	Military	
2016	3.2%	29.1%	25.8%	38.7%	3.2%	100.0%

Source: GRC & Associates, Inc., "FAA's Airport Master Record Forms (5010-1 and 5010-2), 2016,"
<<http://www.gcr1.com/>>, accessed August 5, 2016.

Table 1.2.5-2
Forecast Annual Operations by Type
Rowan County Airport

Year	Itinerant Operations			Local Operations		Total
	Air Taxi	General Aviation	Military	General Aviation	Military	
2017	1,411	12,833	11,378	17,067	1,411	44,100
2022	1,560	14,186	12,578	18,866	1,560	48,750
2027	1,728	15,714	13,932	20,898	1,728	54,000
2036	2,030	18,464	16,370	24,555	2,030	63,450

Source: Talbert, Bright & Ellington, Inc., August 2016.

According to the TAF data, the majority of operations at RUQ are categorized as general aviation local at 38.7 percent. These percentages were applied to the total annual operations to determine the anticipated split of operations by type over the 20-year planning period.



1.2.6 Instrument Operations Forecasts

An instrument approach can be defined as a series of predetermined maneuvers for the orderly transfer of an aircraft under instrument flight conditions from the beginning of the initial approach to a landing or to a point from which a landing may be made visually. It is important to note that instrument approaches are recorded only during instrument meteorological conditions (IMC) and only for aircraft that do not cancel instrument flight rules (IFR) when they make visual contact with the airport. Thus, the number of recorded instrument approaches is always less than the number of instrument-assisted landings.

For planning purposes, instrument approaches were calculated to be 6.6 percent of total airport operations based on FAA instrument operations data for RUQ. Assuming that this ratio continues into the future, an instrument operations forecast can be developed using the airport's total forecast operations. Table 1.2.6-1 presents the results of this forecasting process.

**Table 1.2.6-1
Instrument Operations Forecasts
Rowan County Airport**

Year	Forecast Annual Operations	Annual IFR Operations ¹	Annual VFR Operations Forecast	Annual Instrument Approaches ²
2017	44,100	2,897	41,203	1,449
2018	45,000	2,957	42,044	1,478
2019	45,900	3,016	42,884	1,508
2020	46,800	3,075	43,725	1,537
2021	47,700	3,134	44,566	1,567
2022	48,750	3,203	45,547	1,601
2023	49,800	3,272	46,528	1,636
2024	50,850	3,341	47,509	1,670
2025	51,900	3,410	48,490	1,705
2026	52,950	3,479	49,471	1,739
2027	54,000	3,548	50,452	1,774
2028	55,050	3,617	51,433	1,808
2029	56,100	3,686	52,414	1,843
2030	57,150	3,755	53,395	1,877
2031	58,200	3,824	54,376	1,912
2032	59,250	3,893	55,357	1,946
2033	60,300	3,962	56,338	1,981
2034	61,350	4,031	57,319	2,015
2035	62,400	4,100	58,300	2,050
2036	63,450	4,169	59,281	2,084

¹6.57 percent of total operations based on historical data

²50 percent of IFR operations

VFR – visual flight rules

Source: Talbert, Bright & Ellington, Inc., August 2016.



1.2.7 Forecast of Airport Peaking Characteristics

Peak period operations indicate the amount of activity that occurs during the busy times of the year and busy times of the day. Peak period operations can be used to determine the recommended size of administration/terminal buildings, itinerant apron spaces, and automobile parking lots. Table 1.2.7-1 shows airport peaking criteria calculated from the NCASP forecast of annual operations.

Table 1.2.7-1 Airport Operations Peaking Characteristics Rowan County Airport				
Year	Total Annual Operations	Average Peak "Month" Operations	Average Peak "Day" Operations	Average Peak "Hour" Operations
2016	43,200	4,536	149	22
2017	44,100	4,631	152	23
2022	48,750	5,119	168	25
2027	54,000	5,670	187	28
2036	63,450	6,662	219	33
Peak Month = (Annual operations) x (10.5%) Peak Average Day = (Peak Month Operations)/(30.4 Days) Peak Hour = (Peak Day Operations) x (15%) Source: Talbert, Bright & Ellington, Inc., August 2016.				

1.2.8 Critical Aircraft Forecast

The critical aircraft is the largest airplane or family of aircraft conducting at least 500 annual operations (combination of 250 takeoffs and landings) per year at the Airport. The critical aircraft is evaluated with respect to size, speed and weight, and is important for determining airport design, structural, and equipment needs for the airfield and terminal area facilities. The approach speed of the aircraft and its wingspan/tail height are the two main characteristics used to determine the FAA category and grouping.

The current critical aircraft at RUQ is the Cessna Citation XLS business jet which is classified as B-II (Aircraft Approach Category B and Airplane Design Group II). A Cessna Citation 560XL (XLS) is currently based at RUQ. The B-II family of aircraft, including the Citation XLS, currently conducts approximately 837 annual operations at RUQ.



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

The TFMSC data was used to determine the approximate number of operations by aircraft type at RUQ. This information is used to verify existing and future critical aircraft. Approximately 2 percent of the total operations at RUQ are conducted by B-II aircraft. The percentages listed in Table 1.2.8-1 were carried through the 20-year planning period as show in in Table 1.2.8-2.

**Table 1.2.8-1
Historic Instrument Operations by Aircraft Type
Rowan County Airport**

Year	Reference Code										
	A-I	A-II	B-I	B-II	B-III	C-I	C-II	C-III	C-IV	D-I	D-II
2011	1,092	10	845	1,127	4	32	10	2	0	2	1
2012	923	0	731	714	4	43	16	2	0	2	2
2013	1,033	0	520	733	0	41	34	6	0	4	2
2014	1,087	0	493	675	2	42	20	2	2	4	0
2015	1,092	0	507	837	0	24	20	4	0	4	4
Average Percent of Total Operations	2.57%	0.01%	1.53%	2.01%	0.01%	0.09%	0.05%	0.01%	0.00%	0.01%	0.00%

Source: Federal Aviation Administration, "Traffic Flow Management System Counts 2011-2015," <<http://aspm.faa.gov/>>, accessed August 5, 2016.

**Table 1.2.8-2
Forecast Operations by Aircraft Type
Rowan County Airport**

Year	Reference Code										
	A-I	A-II	B-I	B-II	B-III	C-I	C-II	C-III	C-IV	D-I	D-II
2017	1,133	4	675	886	4	40	22	4	0	4	0
2022	1,253	5	746	980	5	44	24	5	0	5	0
2027	1,388	5	826	1,085	5	49	27	5	0	5	0
2036	1,631	6	971	1,275	6	57	32	6	0	6	0

Source: Talbert, Bright & Ellington, Inc., August 2016.

The increase in B-II aircraft over the planning period indicates that the future critical aircraft should remain as a B-II and that the current and forecast level of B-II operations exceeds the 500 operation threshold for critical aircraft designation. The operations by this group of aircraft are projected to increase at RUQ with regional commercial and industrial development as well as



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

the popularity of these aircraft among business travelers. Future airport facilities should be designed to runway design code (RDC) B-II standards.

1.3 Fleet Mix

An airport must be designed to standards that will accommodate the most demanding aircraft (critical aircraft), which is currently using or is projected to use the facility on a regular basis (defined as 500 operations per year or more). The weight, wingspan, and performance characteristics of these aircraft, in conjunction with site-specific conditions, determine an airport's geometry in terms of runway/taxiway configurations, lengths, and separations. Table 1.3-1 describes the existing and future critical aircraft for the Rowan County Airport. In order to establish the most appropriate critical aircraft as defined by the IFR data provided by NCDOT-DOA was used (Appendix B, pages B-1 through B-96). Tables 1.3-2 (page 16) and 1.3-3 (page 17) provide the analysis of the IFR data received, as well as the current based aircraft at RUQ.

Table 1.3-1 Critical Aircraft Rowan County Airport						
Aircraft Type and RDC	Wing Span	Aircraft Length	Aircraft Height	Seating	Max. Gross Takeoff Weight	Takeoff (ISO)
Cessna Citation XLS (RDC B-II) (Current)	55.8'	51.9'	17.5'	7-9 pax + 2 pilots	20,200 lbs.	3,590'
Cessna Citation XLS+ (RDC B-II) (Future)	56.4	52.6	17.2'	7-9 pax + 2 pilots	20,200 lbs.	3,590'
Notes: Takeoff weight indicates maximum takeoff and ramp weight, respectively. ISO (International Standard Observation): 59°F @ 29.92" Pax – passengers Critical Aircraft (Defined) – The largest aircraft within a family of FAA Runway Design Code (RDC) that conducts at least 500 annual itinerant operations per year at the airport. The FAA establishes airport design criteria in accordance with the airport's RDC designation, which provides minimum safety standards with respect to the performance characteristics of the family of aircraft represented by the airport's critical aircraft. Source: Talbert, Bright & Ellington, Inc., June 2015.						



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

Table 1.3-2
Instrument Flight Rule Operations by Aircraft Type
Rowan County Airport

Year	Single Engine	Multi-Engine	Turboprop	Jets	Helicopter	Total
2001	1,015	561	374	747	3	2,700
2002	972	478	549	833	0	2,832
2003	961	393	417	831	3	2,605
2004	992	385	491	822	2	2,692
2005	938	458	487	1,052	0	2,935
2006	1,073	446	542	1,053	1	3,115
2007	1,112	460	512	1,001	2	3,087
2008	1,283	474	369	827	7	2,960
2009	1,276	446	389	739	5	2,855
2010	1,106	374	344	636	12	2,472
2011	839	291	365	632	6	2,133
2012	864	308	316	512	3	2,003
2013	961	244	275	496	8	1,984
2014*	724	166	200	370	3	1,463

*Note - Includes operations through September 2014

Source: FAA Flight Plan Database (2001-2014) furnished by the NCDOT-DOA.

Talbert, Bright & Ellington, Inc., June 2015.



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

Table 1.3-3 Based Aircraft Rowan County Airport					
Aircraft	Type				
	Single-Engine	Multi-Engine	Jet	Helicopter	Other
Acro Sport II	1				
Aero Vodochody L39C			1		
Aeronca 7AC	1				
American AA-1A	1				
Beech 323	1				
Beech 58		2			
Beech 58P		1			
Beech 95-B55		1			
Beech A36	2				
Beech A60		1			
Beech G35	1				
Beech V35	1				
Bell 206A				1	
Bell OH-58A				3	
Bellanca 17-30A	1				
Boeing A75	1				
Cessna 150	1				
Cessna 150A	1				
Cessna 150G	1				
Cessna 150H	3				
Cessna 150J	2				
Cessna 150L	1				
Cessna 150M	2				
Cessna 152	2				
Cessna 172	2				
Cessna 172A	1				
Cessna 172F	1				
Cessna 172H	2				
Cessna 172K	1				
Cessna 172L	3				
Cessna 172N	2				
Cessna 172P	1				
Cessna 175	1				
Cessna 182	1				
Cessna 182A	1				
Cessna 182E	2				
Cessna 182G	3				
Cessna 210C	1				
Cessna 210L	1				



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

Table 1.3-3 Based Aircraft Rowan County Airport					
Aircraft	Type				
	Single-Engine	Multi-Engine	Jet	Helicopter	Other
Cessna 320D		1			
Cessna 414		1			
Cessna 525A		1			
Cessna 525B		1			
Cessna 560XL			1		
Cessna P210N	1				
Cessna R182	1				
Cozy Mark IV	1				
Diamond DA 40	1				
Forney 415C	1				
Grumman AA-1B	1				
Grumman AA-5B	1				
Gulfstream AA-5A	1				
Luscombe 8A	1				
Maule M-7-180C	1				
Mooney M20E	3				
Mooney M20J	1				
Mooney M20R	1				
Pilatus PC-12/45	1				
Pilatus PC-12/47	1				
Pilatus PC-12/47E	1				
Piper Aerostar 600		1			
Piper J3C-65	2				
Piper PA-22-108	1				
Piper PA-22-150	1				
Piper PA-24-250	1				
Piper PA-28-180	2				
Piper PA-28-181	1				
Piper PA28B	1				
Piper PA-28R-200	1				
Piper PA-32R-300	1				
Piper PA-34-200		1			
Pipstrel Virus					1
Pitts S-2B	1				
Quantum 15					1
Raytheon B200		1			
Shelby L Moore Glastar	1				
Sonex Aircraft LLC ONEX	1				
SRO Sportcruiser	1				



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

Table 1.3-3 Based Aircraft Rowan County Airport					
Aircraft	Type				
	Single-Engine	Multi-Engine	Jet	Helicopter	Other
Textron Aviation 525C		1			
Vans RV-10	1				
Vans RV-3R	1				
Vans RV6A	1				
Vans RV-7A	1				
Vans RV8	1				
Vans RV-9A	1				
Zodiac 601XL	1				
Total	86	13	2	4	2
Total Based Aircraft				105	
Source: Thad Howell (Thad.Howell@rowancountync.gov), "Based Aircraft at RUQ," e-mail message, August 9, 2016.					



2.0 RUNWAY SAFETY AREA LENGTH DETERMINATION

A runway safety area (RSA) is defined as a surface surrounding the runway, which is suitable for reducing the risk of damage to airplanes in the event of undershoot, overshoot, or excursion from the runway. In addition to the dimensional standards, the RSA should conform to the following design standards:

- Graded and cleared of hazardous items or surface variations
- Drained by grading or other conveyance to prevent water accumulation
- Capable of supporting airport and usage vehicles and the occasional passage of aircraft under dry conditions
- Free from objects except those fixed by function. Objects greater than 3 inches in height above grade shall be frangible

RSA design standards cannot be modified or waived like other FAA design standards. The dimensional standards remain in effect regardless of the presence of natural or manmade objects. A continuous evaluation of practicable alternatives for improving a substandard RSA is required until it meets FAA design standards.

2.1 Runway Design Code Determination

The runway design code (RDC) is a coding system used to relate airport design criteria to the operational and physical characteristics of the aircraft intended to operate at the airport. Airport design first requires selecting the RDC, then the lowest designated or planned approach visibility minimums for the runway, and then applying the airport design criteria associated with the RDC and designated or planned approach visibility minimums.⁹

The RDC is a measure of the approach speed, tail height, and wingspan of the most critical aircraft that operates at an airport. The critical aircraft is therefore used to determine the required airport approach and layout dimensions. Aircraft approach categories are listed in Table 2.1-1 (page 21) while the aircraft design groups are listed in Table 2.1-2 (page 21).

⁹Federal Aviation Administration, “Advisory Circular 150/5300-13A – Airport Design, Change 1,” August 21, 2014, <<http://www.faa.gov/>>, accessed June 3, 2015.



Table 2.1-1
Aircraft Approach Category
Rowan County Airport

Approach Category	Aircraft Approach Speed
A	less than 91 knots
B	91 knots or more but less than 121 knots
C	121 knots or more but less than 141 knots
D	141 knots or more but less than 166 knots
E	more than 166 knots

Source: Federal Aviation Administration, "Advisory Circular 150/5300-13A – Airport Design, Change 1," August 21, 2014, <<http://www.faa.gov/>>, accessed June 3, 2015.

Table 2.1-2
Aircraft Design Group
Rowan County Airport

Design Group	Tail Height	Aircraft Wingspan
I	less than 20'	less than 49'
II	20' – less than 30'	49' – less than 79'
III	30' – less than 45'	79' – less than 118'
IV	45' – less than 60'	118' – less than 171'
V	60' – less than 66'	171' – less than 214'
VI	66' – less than 80'	214' – less than 262'

Source: Federal Aviation Administration, "Advisory Circular 150/5300-13A – Airport Design, Change 1," August 21, 2014, <<http://www.faa.gov/>>, accessed June 3, 2015.

The current RDC for the Rowan County Airport is B-II with the existing critical aircraft being the family of business jet aircraft outlined in Tables 3-1 and 3-2 of FAA *Advisory Circular 150/5325-4B – Runway Length Requirements for Airport Design*,¹⁰ which is further discussed in Section 3 – Runway Length Evaluation (page 9). The future RDC is projected to remain B-II to reflect and accommodate the business aircraft requiring this standard. Future facilities should be designed to meet RDC B-II standards.

¹⁰Federal Aviation Administration, "Advisory Circular 150/5325-4B – Runway Length Requirements for Airport Design," July 1, 2005, <<http://www.faa.gov/>>, accessed June 3, 2015, pages 14 and 15.



2.2 Runway Safety Area Dimensions

The RSAs for Runway 02/20 extend 475 feet and 600 feet beyond the ends of the runway, respectively. The RDC for RUQ is B-II and FAA AC 150/5300-13A – Airport Design, Change 1,¹¹ states that the RSA should extend 600-feet beyond the end of the runway for a B-II airport with weather visibility minimums lower than $\frac{3}{4}$ -mile.

In order to comply with FAA AC 150/5300-13A – Airport Design, Change 1, the Runway 02 threshold would have to be displaced 125 feet. However, FAA AC 150/5300-13A – Airport Design, Change 1 also states threshold displacement should be undertaken only after a full evaluation reveals that displacement is the only practical alternative. Displacement of the threshold will result in the following declared distances (Table 2.2-1).

Table 2.2-1				
Runway 02/20 Displaced Threshold Declared Distances				
Rowan County Airport				
Description	Runway 02		Runway 20	
	Existing	Ultimate	Existing	Ultimate
TORA	5,500'	6,125'	5,500'	6,000'
TODA	5,500'	6,125'	5,500'	6,000'
ASDA	5,500'	6,125'	5,500'	6,000'
LDA	5,375'	5,375'	5,500'	6,000'
TORA – Takeoff Run Available TODA – Takeoff Distance Available; ASDA – Accelerate Stop Distance Available LDA – Landing Distance Available Source: Talbert, Bright & Ellington, Inc., July 2015.				

Displacing the thresholds would require numerous expenses. In order to achieve a runway with uniform markings, the entire runway would need to be completely stripped of the existing airfield pavement markings and new pavement markings painted. It would also require new threshold lights and changing the lenses of the existing threshold lights and runway lights to indicate the displaced threshold. The existing Runway 02 runway end indicator lights (REIL) and precision approach path indicators (PAPI) would also need to be relocated due to the new threshold position.

The existing and future dimensional standards for the RSA at RUQ are listed in Table 2.2-2 (page 23).

¹¹Federal Aviation Administration, “Advisory Circular 150/5300-13A – Airport Design, Change 1,” October 21, 2014, <<http://www.faa.gov/>>, accessed July 22, 2015.



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

**Table 2.2-2
Existing Runway Safety Area Dimensions
and Design Standards
Rowan County Airport**

Runway	RDC	Length Beyond Departure End	Length prior to Threshold	Width	Meets Design Standards
Existing					
02	B-II	600'	600'	300'	No*
20	B-II	600'	600'	300'	Yes
Future					
02	B-II	600'	600'	300'	Yes
20	B-II	600'	600'	300'	Yes
RDC – Runway Design Code					
*Existing Runway 02 RSA is 475' long					
Source: Federal Aviation Administration, "Advisory Circular 150/5300-13A – Airport Design, Change 1," August 21, 2014, < http://www.faa.gov/ >, accessed June 3, 2015.					
Talbert, Bright & Ellington, Inc., June 2015.					

The proposed recommendation is to displace the Runway 02 threshold 125 feet toward Runway 20, thereby bringing the RSA into compliance with FAA requirements (Figures 2.2-1 and 2.2-2, pages 24 and 25). Table 2.2-3 illustrates the estimated construction cost.

**Table 2.2-3
Estimated Cost – Runway 02 Threshold Displacement
Rowan County Airport**

Description	Quantity	Unit	Unit Price	Total
Mobilization (Shall Not Exceed 3%)	1	LS	\$4,000.00	\$4,000.00
Airfield Pavement Marking	50,000	SF	\$2.00	\$100,000.00
New 2 Box PAPI Installation	1	LS	\$22,000.00	\$22,000.00
New REIL Installation	1	LS	\$15,000.00	\$15,000.00
Flight Check Required for PAPI	1	LS	\$15,000.00	\$15,000.00
Contingency (5%)	1	EA	\$8,000.00	\$8,000.00
Construction Total:				\$164,000.00
Engineering, Construction Administration, RPR, Testing (15%):				\$24,600.00
Project Total:				\$188,600.00
Source: Talbert, Bright & Ellington, Inc., August 2015.				



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

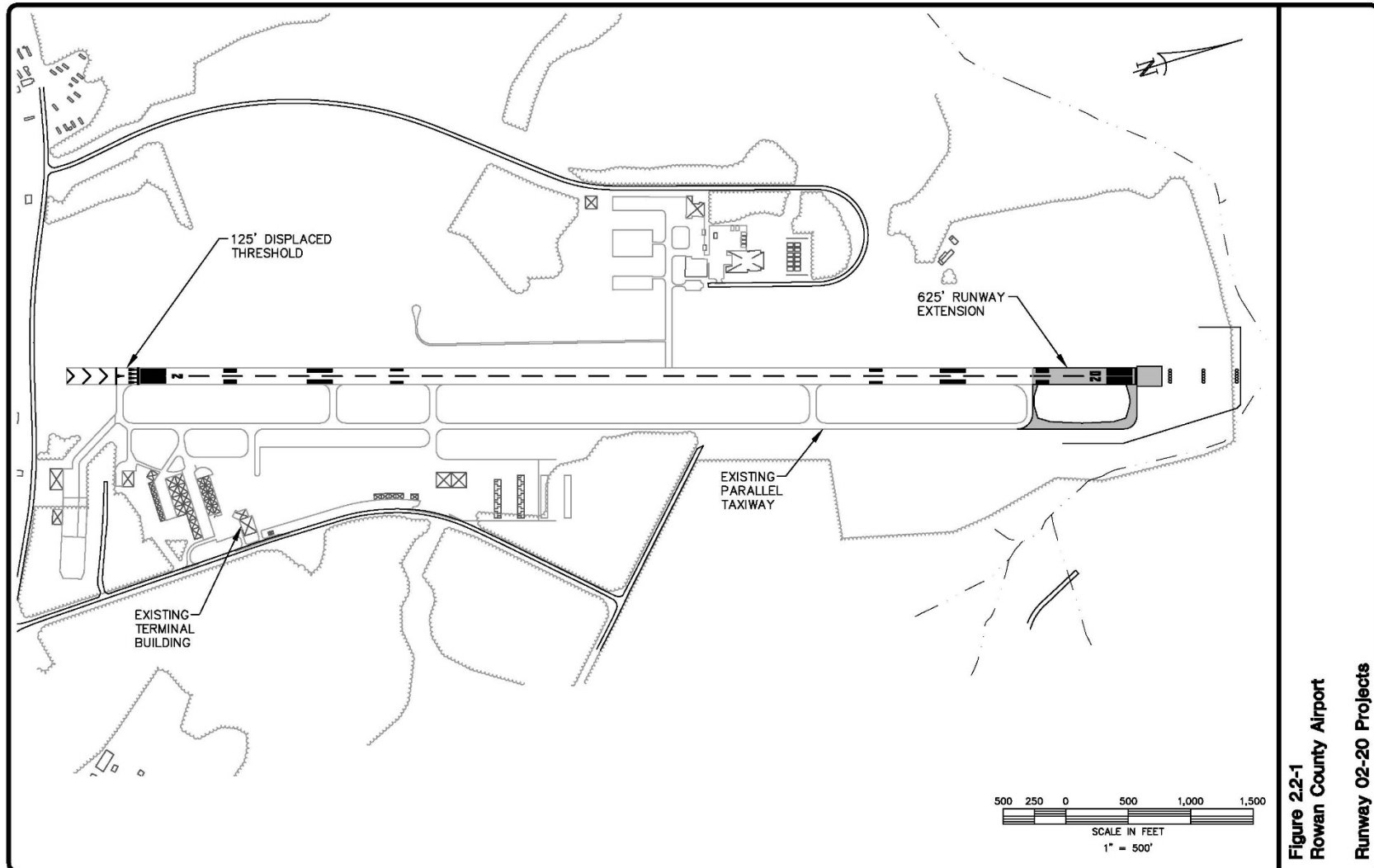
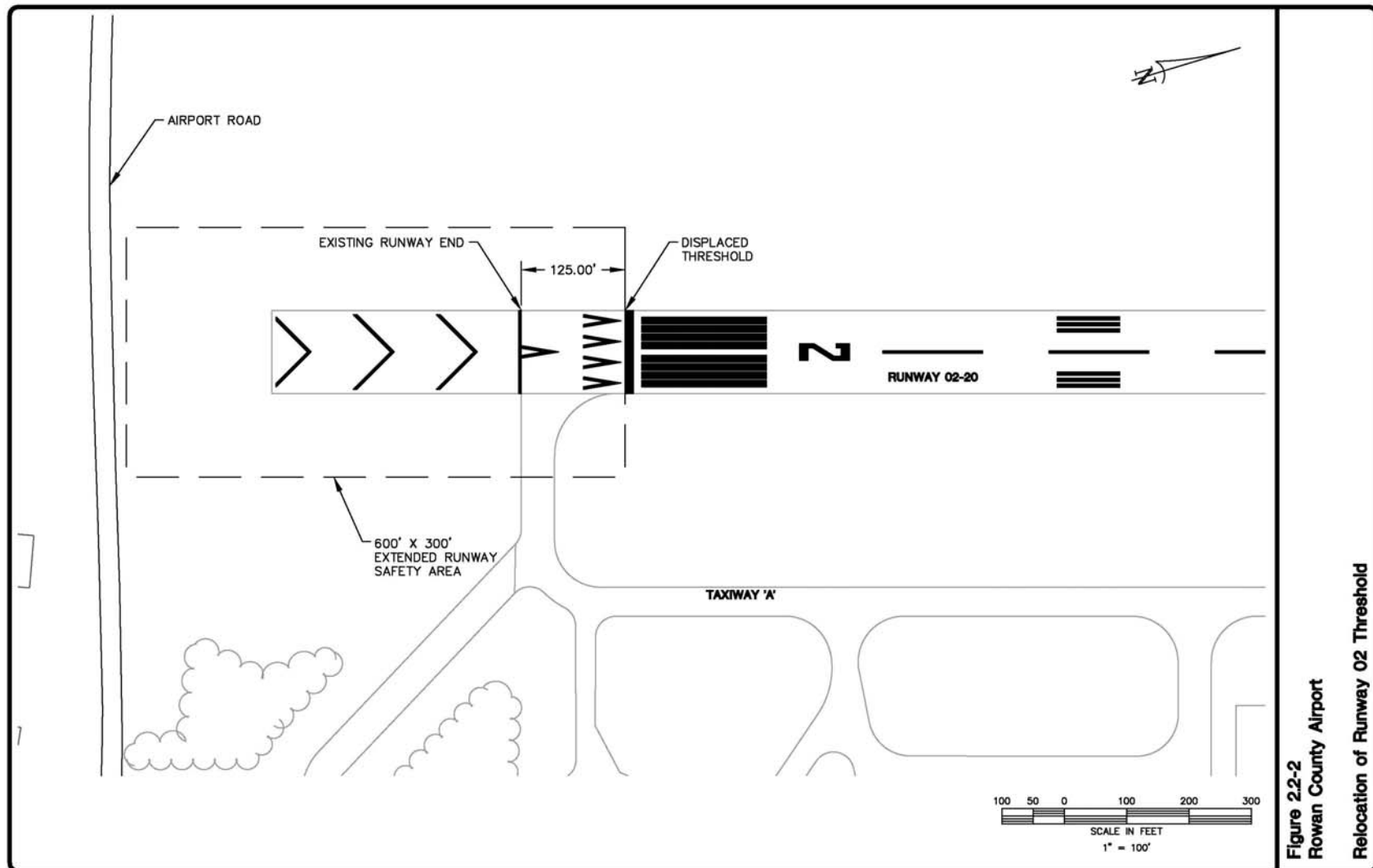


Figure 22-1
Rowan County Airport
Runway 02-20 Projects



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION





2.3 Runway 02 Safety Area Alternatives

Runway 02/20 at Beaufort County Airport is currently 5,500 feet in length and 100 feet wide, with a 475-foot Runway 02 RSA and 600-foot Runway 20 RSA.

3.2.2.1 **Displacing Runway 02 Landing Threshold**

The RSA for Runway 02 extends 475 feet beyond the ends of the runway. The RDC for RUQ is B-II and FAA Advisory Circular 150/5300-13A – *Airport Design, Change 1*,¹² states that the RSA should extend 600-feet beyond the end of the runway for a B-II airport.

In order to comply with FAA AC 150/5300-13A – *Airport Design, Change 1*, the Runway 02 threshold would have to be displaced 125 feet. However, FAA AC 150/5300-13A – *Airport Design, Change 1* also states threshold displacement should be undertaken only after a full evaluation reveals that displacement is the only practical alternative. Displacement of the thresholds would result declared distances, as described in Table 2.2-1 (page 22).

3.2.2.2 **Extending RSA to Meet Requirements**

This alternative requires extending the by 125 feet toward and relocating Airport Road, as well as the purchase of several properties, one of which has been declared a hazardous materials site (Section 1.1.1 – Perma-Flex (Southern), Inc., page 1).

¹²Federal Aviation Administration, “Advisory Circular 150/5300-13A – Airport Design, Change 1,” October 21, 2014, <<http://www.faa.gov/>>, accessed August 12, 2016.



3.0 RUNWAY LENGTH EVALUATION

Determination of runway length requirements is dictated by FAA *Advisory Circular 150/5325-4B – Runway Length Requirements for Airport Design*.¹³ Use of these guidelines is mandatory for federal funding.

Various factors govern the suitability of available runway lengths, most notably airport elevation above mean sea level, temperature, wind velocity, airplane operating weights, takeoff and landing flap settings, runway surface condition (dry or wet), effective runway gradient, presence of obstructions in the vicinity of the airport, and , if any, locally imposed noise abatement restrictions or other prohibitions. It is the goal, considering the above factors, to construct an available runway length suitable for the existing and forecasted critical design airplanes. The critical design airplanes are required to have a substantial use of a selected runway. This substantial use is defined as at least 500 or more of annual itinerant operations for an individual airplane or a family grouping of airplanes.

3.1 Procedure to Determine Runway Length

The determination of the appropriate Rowan County Airport runway length utilizes Chapter 3 of FAA *Advisory Circular 150/5325-4B – Runway Length Requirements for Airport Design*,¹⁴ i.e., “Runway Lengths For Airplanes Within A Maximum Certificated Takeoff Weight Of More Than 12,500 Pounds (5,670 KG) Up To And Including 60,000 Pounds (27,200 KG).”

The recommended runway length for this weight category of airplanes is based on performance curves (FAA Figures 3-1 and 3-2) developed from FAA-approved airplane flight manuals. To determine which of the performance curves to apply, Tables 3.1-1 (page 28) and 3.1-2 (page 29) outline the family of aircraft that fly in and out of RUQ. This information was extrapolated from IFR operations for RUQ from January 2001 through September 2014, as well as pilot sign-in sheets provided by RUQ staff.

¹³*Ibid.*

¹⁴*Ibid.*



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

**Table 3.1-1
Airplanes that Make Up 75 Percent of the Fleet
Rowan County Airport**

Manufacturer	Model	FAA Aircraft ID
Aerospatiale	Sn-601 Corvette	S601
BAE	125-700	H25B
Beechjet	400A	BE40
Beechjet	Premier I	PR1, PRM1
Beechjet	2000 Starship	STAR
Bombardier	Challenger 300	CL30
Cessna	500 Citation/501Citation Sp	C501, C500
Cessna	Citation I/II/III	C500, C550, C650
Cessna	525A Citation II (CJ-2)	C25A
Cessna	550 Citation Bravo	C550
Cessna	550 Citation II	C550
Cessna	551 Citation II/Special	C551
Cessna	552 Citation	C552
Cessna	560 Citation Encore	C560
Cessna	560/560 XL Citation Excel	C56X
Cessna	560 Citation V Ultra	C560
Cessna	650 Citation VII	C650
Cessna	680 Citation Sovereign	C680
Dassault	Falcon 10	FA10
Dassault	Falcon 20	FA20
Dassault	Falcon 50/50 EX	FA50
Dassault	Falcon 900/900B	FA90
Aircraft Industries (IAI)	Jet Commander 1121	JCOM
IAI	Westwind 1123/1124	WW24
Learjet	20 Series	LJ23, LJ24, LJ25, LJ28
Learjet	31/31A/31A ER	LJ31
Learjet	35/35A/36/36A	C21, LR35, LJ35
Learjet	40/45	LJ40, LJ45, LR40, LR45
Mitsubishi	Mu-300 Diamond	MU30
Raytheon	390 Premier	PRM1
Raytheon Hawker	400/400 XP	T1, BE40
Raytheon Hawker	600	H25A
Sabreliner	40/60	SBR1
Sabreliner	75A	SBR2
Sabreliner	80	SBR2
Sabreliner	T-39	SBR2

Note: Airplanes that operate at RUQ are highlighted in red.

Source: FAA Advisory Circular 150/5325-4B – Runway Length Requirements for Airport Design (July 1, 2005) – Table 3-1, page 14



Table 3.1-2
Remaining 25 Percent of Airplanes
that Make Up 100 Percent of the Fleet
Rowan County Airport

Manufacturer	Model	FAA Aircraft ID
BAE	Corporate 800/1000	H25B, H25C
Bombardier	600 Challenger	CL60
Bombardier	601/601-3A/3ER Challenger	CL60
Bombardier	604 Challenger	CL60
Bombardier	BD-100 Continental	CL30
Cessna	S550 Citation S/II	C551
Cessna	650 Citation III/IV	C650
Cessna	750 Citation X	C750
Dassault	Falcon 900C/900EX	F900
Dassault	Falcon 2000/2000EX	F260, F2TH
Aircraft Industries(IAI)	Astra 1125	ASTR
IAI	Galaxy 1126	GALX
Learjet	45 XR	LJ45
Learjet	55/55B/55C	LJ55
Learjet	60	LJ60
Raytheon/Hawker	Horizon	HA4T
Raytheon/Hawker	800/800 XP	H25B
Raytheon/Hawker	1000	H25C
Sabreliner	65/75	SBR2

Note: Airplanes that operate at RUQ are highlighted in red.
Source: FAA Advisory Circular 150/5325-4B – Runway Length Requirements for Airport Design (July 1, 2005) – Table 3-2, page 15

Based on Tables 3.1-1 (page 28) and 3.1-2 and cross inspection of FAA-provided IFR operations, the following operations of the family of aircraft (Table 3.1-3, pages 30 and 31) occur at RUQ.

However, FAA *Advisory Circular 150/5325-4B – Runway Length Requirements for Airport Design*¹⁵ states:

If a relatively few airplanes under evaluation are listed in table 3-2, then figure 3-2 should be used to determine the runway length.

Therefore Figure 3-2 – 100 Percent of Fleet at 60 or 90 Percent Useful Load¹⁶ was used to determine the necessary runway length at RUQ.

¹⁵*Ibid*, page 9.

¹⁶*Ibid*, page 13.



Table 3.1-3
IFR Operations Based on Tables 3.1-1 and 3.1-2
Rowan County Airport

Aircraft	Instrument Flight Rules Operations													
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Sept. 2014
Airplanes that Make Up 75 Percent of the Fleet														
BE40 - Raytheon/Beech Beechjet 400/T-1	457	512	515	551	378	47	83	56	50	35	49	45	24	14
PR1 - Raytheon Premier 1/390 Premier 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRM1 - Raytheon Premier 1/390 Premier 1	0	0	0	0	0	4	0	6	2	0	2	0	6	0
CL30 - Bombardier (Canadair) Challenger 300	0	0	0	0	2	0	0	2	0	4	0	8	5	6
C500 - Cessna 500/Citation I	4	3	15	2	12	9	6	3	2	11	14	8	0	0
C501 - Cessna I/SP	6	2	15	2	12	9	6	3	2	11	14	8	4	0
C550 - Cessna Citation II/Bravo	39	50	32	22	35	22	27	15	23	30	24	21	16	9
C560 - Cessna Citation V/Ultra/Encore	43	41	47	23	48	84	109	101	89	96	90	83	117	74
C25A - Cessna Citation CJ2	0	0	0	2	4	2	10	6	4	4	3	4	3	6
C551 - Cessna Citation 2-SP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C56X - Cessna Excel/XLS	2	11	25	20	279	583	531	455	394	303	286	186	147	117
C650 - Cessna III/VI/VII	9	10	10	15	34	48	28	17	14	3	0	5	5	2
C680 - Cessna Citation Sovereign	0	0	0	0	2	4	6	4	7	2	0	6	17	12
FA10 - Dassault Falcon/Mystère 10	9	0	0	3	47	4	7	2	0	0	0	0	0	0
FA20 - Dassault Falcon/Mystère 20	3	8	14	14	13	22	6	4	4	1	0	0	0	0
FA50 - Dassault Falcon/Mystère 50	0	3	5	4	4	9	4	6	4	7	14	4	6	0
FA90 - Dassault Falcon 900	8	0	0	2	2	0	2	0	2	0	4	4	2	0
WW24 - IAI 1124 Westwind	2	8	0	4	0	0	0	0	0	8	0	0	1	0
LJ24 - Bombardier Learjet 24	2	2	1	6	6	7	2	1	0	0	0	0	0	0
LJ25 - Bombardier Learjet 25	2	6	6	4	17	14	4	0	2	8	0	0	0	0
LR25 - Bombardier Learjet 25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LJ31 - Bombardier Learjet 31/A/B	4	24	13	13	18	36	12	4	2	10	11	4	2	2
C21 - Bombardier (Learjet) 35A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LJ35 - Bombardier Learjet 35/36	4	12	14	4	4	11	4	2	4	8	2	2	4	4
LR35 - Learjet 35	0	1	0	2	0	0	0	0	0	0	0	0	0	0
LJ40 - Learjet 40; Gates Learjet	0	0	0	0	0	6	6	2	6	2	0	2	0	0



Table 3.1-3
IFR Operations Based on Tables 3.1-1 and 3.1-2
Rowan County Airport

Aircraft	Instrument Flight Rules Operations													
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Sept. 2014
LJ45 - Bombardier Learjet 45	2	11	9	7	10	33	26	21	13	10	12	10	4	10
LR40 - Bombardier Learjet 40	0	0	0	0	0	0	2	0	0	0	0	0	0	0
LR45 - Learjet 45	0	2	1	0	0	0	0	0	0	0	0	0	0	0
MU30 - Mitsubishi MU300/ Diamond I	3	0	1	4	4	2	6	2	0	0	0	0	0	0
T1 - Hawker Beechcraft Beechjet 400A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H25A - BAE HS 125-1/2/3/400/600	0	0	0	2	0	0	1	2	4	0	0	0	0	0
SUBTOTAL	599	706	723	706	931	956	888	714	628	553	525	400	363	256
Remaining 25 Percent of Airplanes that Make Up 100 Percent of the Fleet														
CL60 - Bombardier Challenger 600/601/604	0	4	7	4	0	8	10	14	10	10	0	4	16	2
C750 - Cessna Citation X	2	6	0	13	6	6	6	6	4	8	8	10	4	2
F900 - Dassault Falcon 900	8	0	0	2	2	0	2	0	2	0	4	4	2	0
F2TH - Dassault Falcon 2000	4	2	3	0	2	0	0	2	8	4	6	2	0	0
F260 - Dassault Falcon 2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GALX - IAI 1126 Galaxy/Gulfstream G200	3	7	15	0	14	6	2	2	0	0	0	0	0	4
LJ55 - Bombardier Learjet 55	4	6	7	6	0	0	2	2	2	0	6	2	2	0
LJ60 - Bombardier Learjet 60	21	2	9	4	1	8	0	8	4	4	5	4	6	4
LR55 - LearJet 55	0	0	1	0	0	0	0	0	0	0	0	0	0	0
H25B - BAE HS 125/700-800/Hawker 800	16	16	24	22	41	22	31	21	15	16	10	21	24	12
H25C - BAE/Raytheon HS 125-1000/Hawker 1000	0	0	0	0	4	0	0	2	0	0	0	0	0	0
SBR2 - North American Rockwell Sabre 75	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	58	43	66	51	70	50	53	57	45	42	39	47	54	24
TOTAL	657	749	789	757	1,001	1,006	941	771	673	595	564	447	417	280

Source: FAA Flight Plan Database (2001-2014) furnished by the NCDOT-DOA.
Talbert, Bright & Ellington, Inc., June 2015.



3.2 Runway Length Determination

As shown in Table 3.1-3 (pages 30 and 31), substantial operations of itinerant turboprop aircraft frequent the Rowan County Airport to justify the determination of appropriate runway length. In Figure 3.2-1 (page 33) two options are provided; i.e., 100 percent of fleet at 60 percent useful load or 100 percent of fleet at 90 percent load. The 60 percent load graph has been selected based on the family of aircraft at the Airport. Runway length measurement calculations for 100 percent of the fleet at both 60 percent load and 90 percent load are shown in Table 3.2-1.

Table 3.2-1			
Calculations for 100 Percent of the Fleet			
Rowan County Airport			
60 Percent Useful Load		90 Percent Useful Load	
Measurement	5,350'	Measurement	8,000'
15% adjustment*	802.5'	15% adjustment*	1,200'
Runway Length	6,152.5'	Runway Length	9,200'
Input variables: 1) 82°F mean daily temperature hottest month			
2) airport elevation 773'			
*15% adjustment is for wet runway conditions			
Source: Talbert, Bright & Ellington, Inc., June 2015.			

Based on the runway lengths generated, it has been determined that the minimum runway length for the Rowan County Airport should be between 6,152.5 feet and 9,200 feet. It should be noted from these graphs that the minimum runway length suggested is 6,000 feet at 60 percent useful load. This length assumes adjustment for wet runway conditions.

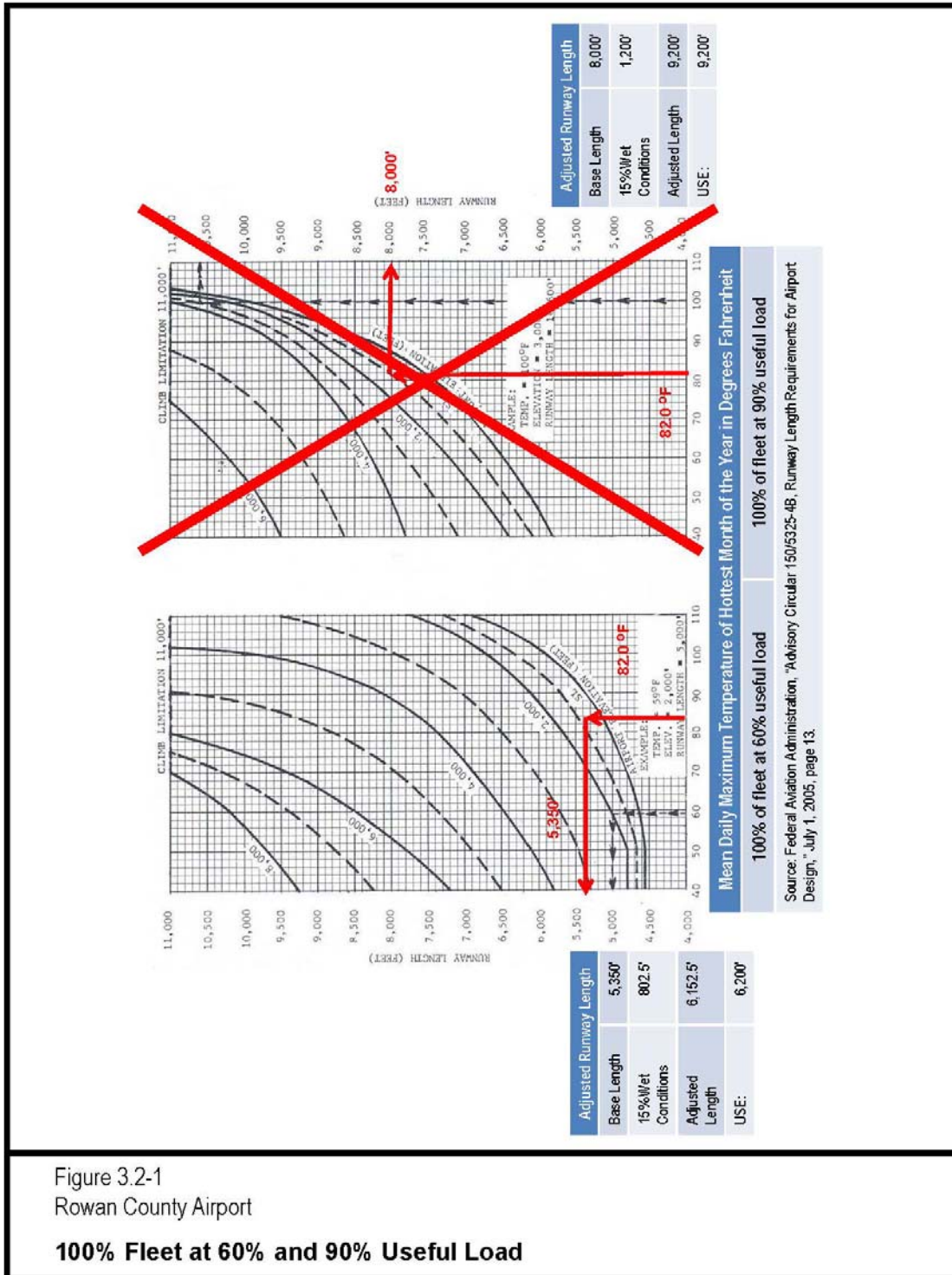
The 2015 North Carolina Airports System Plan identifies airport-specific improvements for airports in four different color groups (yellow, red, blue and green). Rowan County Airport is listed in the “Red” airport group, which identifies a runway length target of 6,000 feet (see page C-3 of Appendix C), and is consistent with the runway length determination provided above.

3.3 Runway Length

Based on the result of the runway length determination and the need to displace the threshold 125 feet on Runway 02 to provide the required RSA length, the runway is proposed to be extended 625 feet on the Runway 20 end, thereby extending the existing 5,500-foot runway to 6,125 feet total runway takeoff length available (Figure 3.3-1, page 33), taking into account the 125-foot displaced threshold (Table 2.2-3, page 23). Table 3.3-1 (page 35) outlines a preliminary estimate for construction of the proposed runway extension.



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION





ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

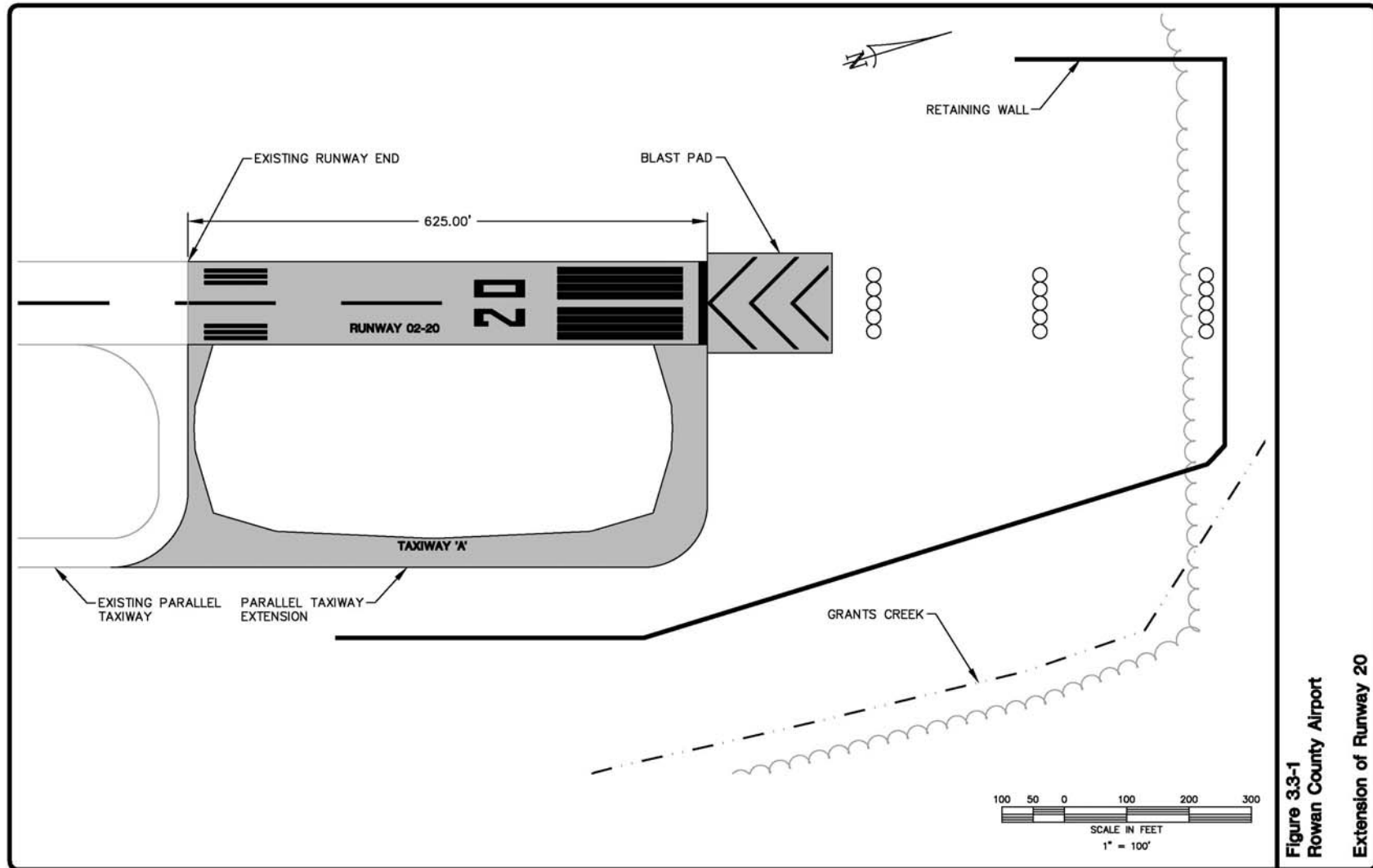


Figure 3.3-1
Rowan County Airport
Extension of Runway 20



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

Table 3.3–1
Estimated Cost – Runway 20 Extension
Rowan County Airport

Description	Quantity	Unit	Unit Price	Total
Package 1: Grading And Drainage				
Mobilization (Shall Not Exceed 3%)	1	LS	\$488,000.00	\$488,000.00
Clearing and Grubbing	10	AC	\$5,000.00	\$50,000.00
Embankment in Place	900,000	CY	\$12.00	\$10,800,000.00
Miscellaneous Erosion Control	1	LS	\$540,000.00	\$540,000.00
Miscellaneous Storm Drainage	1	LS	\$100,000.00	\$100,000.00
Seeding/Mulching	21	AC	\$1,800.00	\$37,800.00
Retaining Wall	95,000	SF	\$50.00	\$4,750,000.00
Contingency (5%)	1	EA	\$838,000.00	\$838,000.00
Construction Total:				\$17,603,800.00
Engineering, Construction Administration, RPR, Testing (15%):				\$2,640,570.00
Environmental Assessment/Benefit Cost Analysis:				\$425,000.00
Package 1 Project Total:				\$20,669,370.00
Package 2: Paving and Lighting				
Mobilization (Shall Not Exceed 3%)	1	LS	\$28,000.00	\$28,000.00
Marking Removal	25,000	SF	\$1.50	\$37,500.00
Fine Grading	8,000	CY	\$6.00	\$48,000.00
Crushed Aggregate Base Course	5,900	CY	\$46.00	\$271,400.00
Bituminous Concrete Surface Course	3,500	TN	\$98.00	\$343,000.00
Bituminous Prime Coat	4,500	GAL	\$4.00	\$18,000.00
Bituminous Tack Coat	2,300	GAL	\$3.00	\$6,900.00
Airfield Pavement Marking	30,000	SF	\$2.00	\$60,000.00
Seeding/Mulching	2	AC	\$1,800.00	\$3,600.00
Miscellaneous Electrical	1	LS	\$60,000.00	\$60,000.00
L-862 MIRLS	7	EA	\$1,200.00	\$8,400.00
L-862-E In Pavement MIRLS Threshold	8	EA	\$1,000.00	\$8,000.00
L-861t MITLs	50	EA	\$1,000.00	\$50,000.00
Electrical Manholes	4	EA	\$5,000.00	\$20,000.00
Contingency (5%)	1	EA	\$48,000.00	\$48,000.00
Construction Total:				\$1,010,800.00
Engineering, Construction Administration, RPR, Testing (15%):				\$151,620.00
Package 2 Project Total:				\$1,162,420.00
Package 3: NAVAIDS and Land Acquisition				
Mobilization (Shall Not Exceed 3%)	1	LS	\$41,000.00	\$41,000.00
New Glideslope Antenna And Shelter	1	LS	\$340,000.00	\$340,000.00
Existing MALSR Demolition (Complete/Assume No Salvage)	1	LS	\$72,000.00	\$72,000.00
New MALSR Installation	1	LS	\$792,000.00	\$792,000.00
New 2 Box PAPI Installation	1	LS	\$22,000.00	\$22,000.00
New REIL Installation	1	LS	\$15,000.00	\$15,000.00
Aerial Survey For New Obstruction Study And Bid Package	1	LS	\$35,000.00	\$35,000.00
Additional Obstruction Removal Due To New Approach Surface	1	LS	\$58,500.00	\$58,500.00



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

Table 3.3–1
Estimated Cost – Runway 20 Extension
Rowan County Airport

Description	Quantity	Unit	Unit Price	Total
Obstruction Removal Due To Modified MALSR Light Plane	1	LS	\$50,000.00	\$50,000.00
Flight Check Required For Glideslope, REIL, PAPI, MALSR	1	LS	\$15,000.00	\$15,000.00
Contingency (5%)	1	EA	\$72,000.00	\$72,000.00
Land Acquisition with Assistance – 460034	1	LS	\$57,600.00	\$57,600.00
Land Acquisition with Assistance – 460033	1	LS	\$80,000.00	\$80,000.00
Land Acquisition with Assistance – 460134	1	LS	\$29,500.00	\$29,500.00
Land Acquisition with Assistance – 460135	1	LS	\$31,100.00	\$31,100.00
Land Acquisition with Assistance – 460031	1	LS	\$140,700.00	\$140,700.00
Land Acquisition with Assistance – 460066	1	LS	\$67,300.00	\$67,300.00
Construction Total:				\$1,918,700.00
Engineering, Construction Administration, RPR, Testing (15%):				\$287,810.00
Project Total:				\$2,206,510.00
Grand Total:				\$24,038,300.00

Source: Talbert, Bright & Ellington, Inc., August 2015.



4.0 AIRPORT LAYOUT PLAN DRAWING SET COMPONENTS

The purpose of this section is to present the graphic representation of the items addressed. The ALP drawing set components consist of the following:

- Cover Sheet
- Existing Conditions
- Airport Layout Plan
- Terminal Area Plan
- Runway 02 Inner Approach Surfaces – Plan and Profile
- Runway 20 Inner Approach Surfaces – Plan and Profile
- Airport Airspace Drawing – Plan
- Airport Airspace Drawing – Profile
- Land Use Plan
- Airport Property Map (Exhibit “A”)

4.1 Cover Sheet

The cover sheet is included as the first drawing of the ALP drawing set. The cover sheet includes the following information:

- Project Title
- Airport Name
- Location
- Sponsor
- Funding Agency Project Identification Numbers
- Preparer’s Project Identification Number
- Date
- Sheet Index
- Preparer
- Vicinity Map
- Location Map

4.2 Existing Conditions Plan

The existing conditions plan is a graphic representation, to scale, of existing airport facilities, location, and pertinent dimensional information. The existing conditions are shown on Drawing No. 2 of 21.



4.3 Airport Layout Plan

The ALP drawing represents a 20-year, three-phased program, which is required to support the projected activity for RUQ. Data blocks on the drawing present pertinent information including wind coverage, airport elevations, navigational aids, pavement data, selected design standards, approach data, approach zone dimensions, runway declared distances, runway coordinates, plan drawing legends, and other data. The plans development elements including the following:

- Displacing Runway 02 threshold
- Extending Runway 20
- Second parallel taxiway

Other principal plan elements are as follows:

- New terminal area
- T-Hangars and corporate hangar areas
- Apron expansion
- New automobile parking areas
- Land acquisition

The ALP is shown on Drawing No. 3 of 21 and presented at a scale of 1 inch = 400 feet and a contour interval of 5 feet, provided by aerial photography.

4.4 Terminal Area Plan

The Terminal Area Plan (TAP) is a larger-scaled representation of the ALP, focusing on development around the terminal building. The TAP includes such features as existing and proposed aprons, buildings, hangars, parking lots, etc., and their location. The various phases for each improvement project are also shown on this plan. The TAP is presented at a scale of 1 inch = 200 feet and is shown on Drawing No. 4 of 21.

The improvements represented on this drawing include the following:

- New terminal area
- T-Hangars and corporate hangar areas
- Apron expansion
- New automobile parking areas



4.5 Airport Airspace Profile and Inner Approach Surface Drawing

This drawing illustrates the Part 77 approaches in profile as well as approaches for displaced thresholds. The inner approach surface drawing depicts the “close-in” approach surfaces and runway protection zones. The surfaces are imposed over the existing terrain to determine the number and magnitude of any penetrations to the surfaces. The drawing includes the proposed conditions (Drawing Nos. 5 through 18 of 21).

The airport airspace profile and inner approach surface drawing was prepared in accordance with FAA *Advisory Circular 150/5300-18B, General Guidance and Specifications for Submission of Aeronautical Surveys to NGS: Field Data Collection and Geographic Information System (GIS) Standards*, at the request of the FAA. There are several steps required for preparation of this survey, as follows:

1. Airport Administrator/Sponsor opens a project in the FAA AGIS for work needing to be assigned
2. Contractor submits a scope of work to the FAA via AGIS for their review. When the scope of work is accepted, FAA opens main project folder
3. Contractor submits final project/flight/control and other plans to AGIS for FAA review prior to commencing work. When plans are accepted, FAA open all remaining work folders for uploading of all interim and final progress reports, imagery files, ASCII and CAD data.
4. Upon submission of interim/final reports, data, etc. during project, data is reviewed by FAA for comments, additions, edits, and acceptance.
5. Upon completion, final report is submitted by contractor, and its acceptance closes out the project folders.

To date, the 18B survey was initiated December 3, 2014 by Thad Howell, Airport Manager. Low altitude imagery was flown on January 8, 2015; high altitude was flown on November 2, 2014. CAD work was completed during December 2014 to March 2015.

4.6 Airport Airspace Drawing

The airport airspace surface drawing depicts the proposed FAR Part 77 imaginary surfaces for the Airport. The drawing includes topography, which underlies the FAR Part 77 surfaces, and a graphical and tabular representation of the surfaces. The surrounding topography was taken from USGS quadrangle sheets and encompasses the area within the proposed FAR Part 77 imaginary surfaces. Beyond 3,500 feet from the runway ends, the search for possible surface penetrations was centered around manmade structures; such as towers, buildings, power lines, etc. (Drawing No. 19 of 21).



4.7 Land Use Plan

The land use plan is a graphic representation, to scale, of airport facilities overlaid on the current land use as provided by Rowan County and the City of Salisbury. The land uses are depicted by general land use categories (i.e., agricultural, recreational, industrial, commercial, etc.). This drawing has been developed to show both existing and recommended land use conditions (Drawing No. 20 of 21).

4.8 Airport Property Map

The airport property map (Exhibit “A”) illustrates ownership or interest in each tract within the airport boundaries. How and when the airport property was obtained is noted by parcel number and described separately in tabular form. Exhibit “A” is prepared at a scale of 1 inch = 400 feet on Drawing No. 21 of 21.



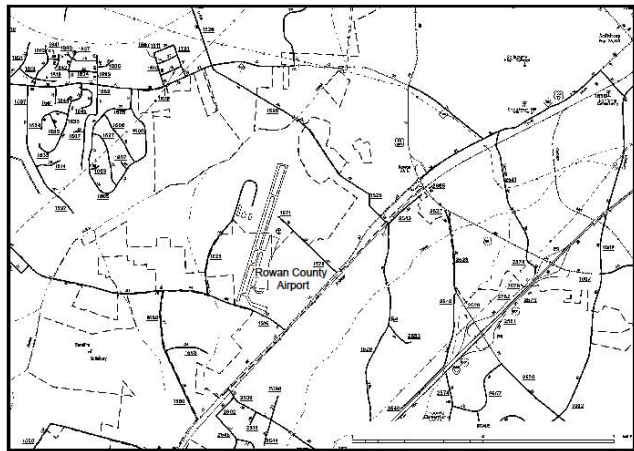
AIRPORT LAYOUT PLAN

ROWAN COUNTY AIRPORT

SALISBURY, NORTH CAROLINA

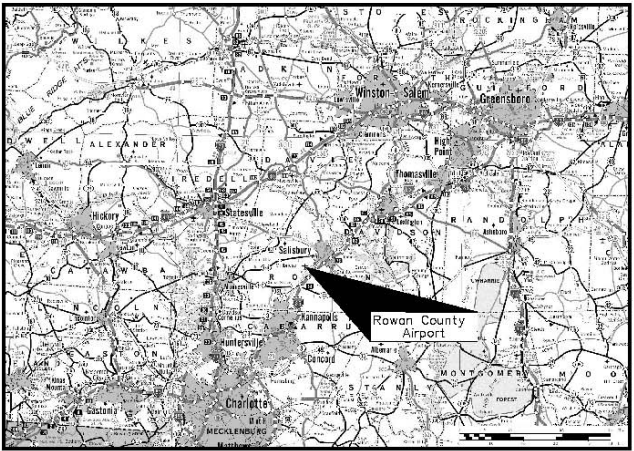
F.A.A. PROJECT NO. 36244.56.8.1

SEPTEMBER 2016



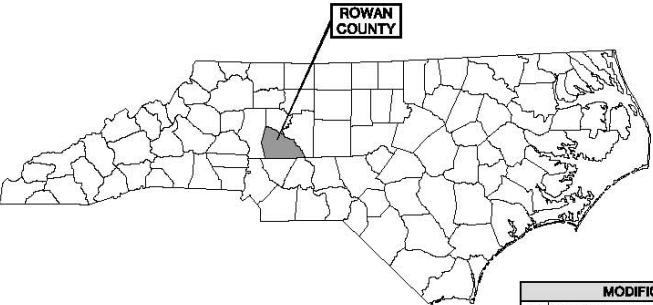
VICINITY MAP
NOT TO SCALE

SHEET INDEX	
SHEET NO.	SHEET TITLE
1	COVER SHEET
2	EXISTING CONDITIONS DRAWING
3	AIRPORT LAYOUT PLAN
4	TERMINAL AREA PLAN
5	RUNWAY 02 INNER APPROACH SURFACE - EXISTING PLAN AND PROFILE
6	RUNWAY 20 INNER APPROACH SURFACE - EXISTING PLAN AND PROFILE
7	RUNWAY 02 INNER APPROACH SURFACE - ULTIMATE PLAN AND PROFILE
8	RUNWAY 20 INNER APPROACH SURFACE - ULTIMATE PLAN AND PROFILE
9	RUNWAY 02-20 INNER APPROACH SURFACE - EXISTING AND ULTIMATE OBSTRUCTION DATA
10	RUNWAY 02-20 CENTERLINE - EXISTING AND ULTIMATE PLAN AND PROFILE
11	RUNWAY 02-20 DEPARTURE SURFACE - EXISTING AND ULTIMATE PLAN AND PROFILE OVERVIEW
12	RUNWAY 02 DEPARTURE SURFACE - EXISTING PLAN VIEW
13	RUNWAY 02 DEPARTURE SURFACE - EXISTING PROFILE VIEW
14	RUNWAY 20 DEPARTURE SURFACE - EXISTING PLAN AND PROFILE
15	RUNWAY 02 DEPARTURE SURFACE - ULTIMATE PLAN VIEW
16	RUNWAY 02 DEPARTURE SURFACE - ULTIMATE PROFILE VIEW
17	RUNWAY 20 DEPARTURE SURFACE - ULTIMATE PLAN AND PROFILE
18	RUNWAY 02-20 DEPARTURE SURFACE - EXISTING AND ULTIMATE OBSTRUCTION DATA
19	AIRPORT AIRSPACE DRAWING - PART 77 SURFACE
20	LAND USE PLAN
21	EXHIBIT 'A'



SITE MAP
NOT TO SCALE

APPROVALS		
ROWAN COUNTY		
DATE	SIGNATURE	TITLE
FEDERAL AVIATION ADMINISTRATION		
DATE	SIGNATURE	TITLE
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF AVIATION		
DATE	SIGNATURE	TITLE



MODIFICATION TO FAA DESIGN STANDARDS		
NO.	MODIFICATION	DATE
1		
2		
3		

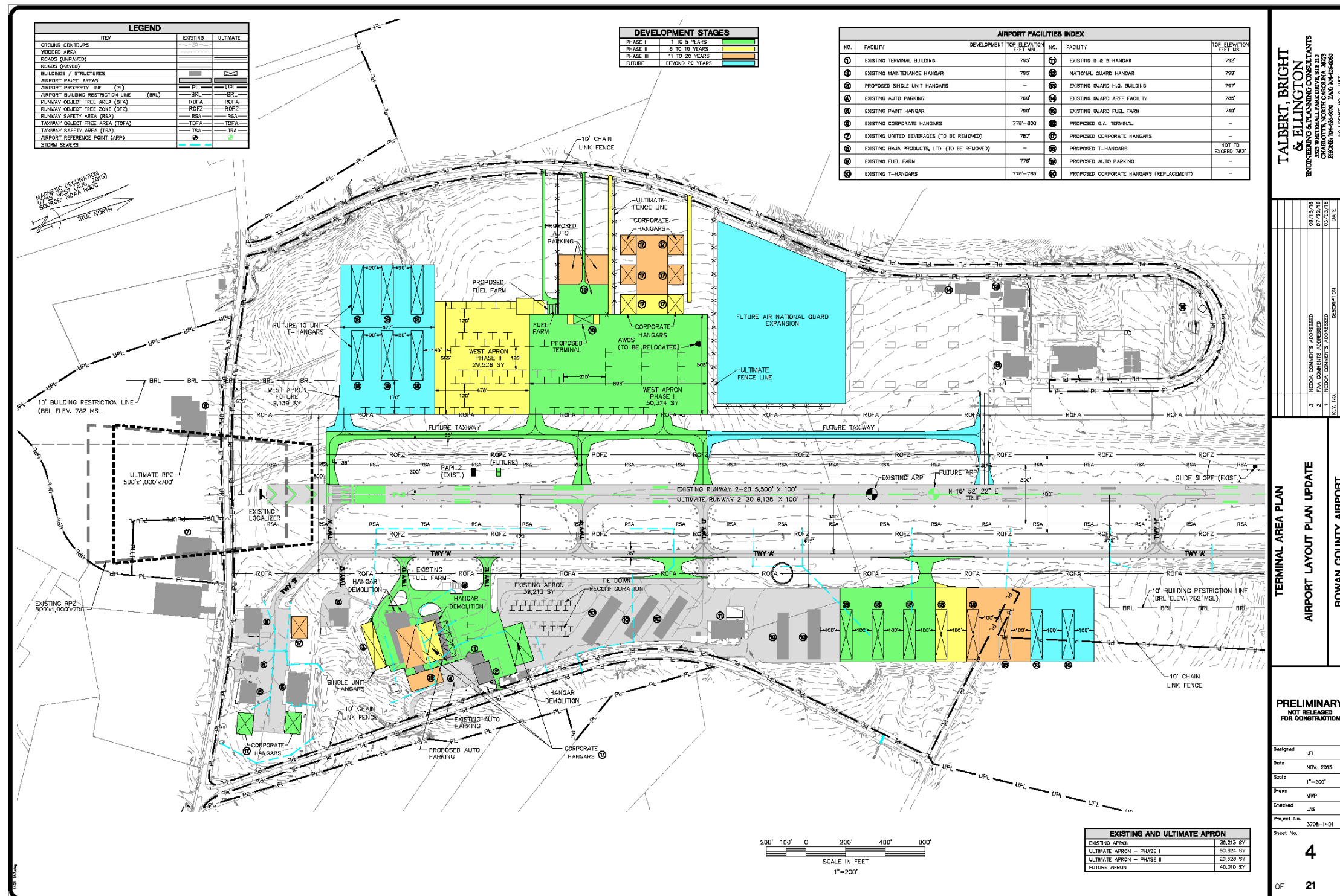
1 FAA COMMENTS ADDRESSED 07/22/16

TALBERT, BRIGHT & ELLINGTON
ENGINEERING & PLANNING CONSULTANTS
3525 WYOMING PARK DRIVE, SUITE 210
CHARLOTTE, NORTH CAROLINA 28223
PHONE: 704-336-6070 FAX: 704-336-6080
NC LICENSE NO. C-1163

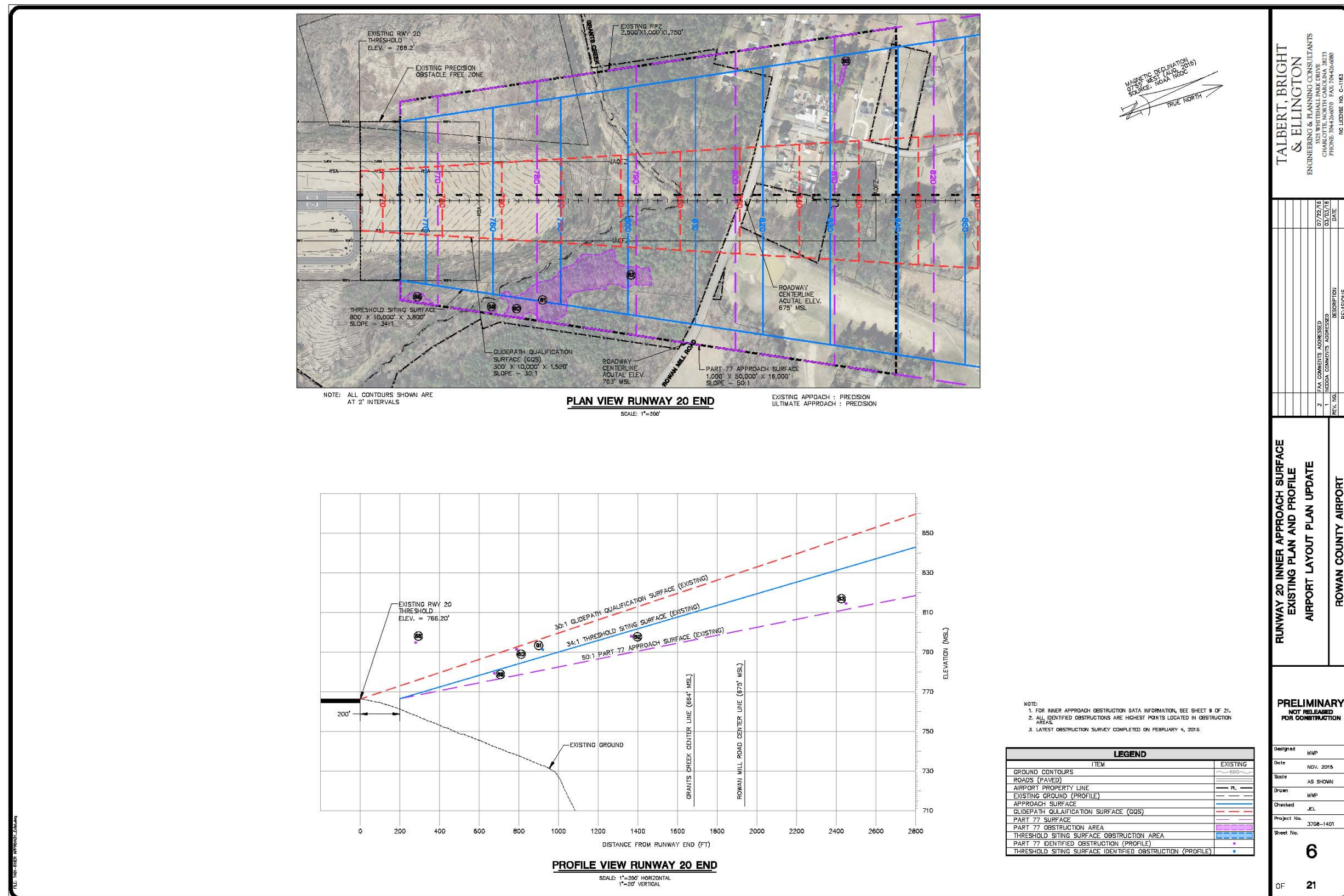
PRELIMINARY
NOT RELEASED
FOR CONSTRUCTION

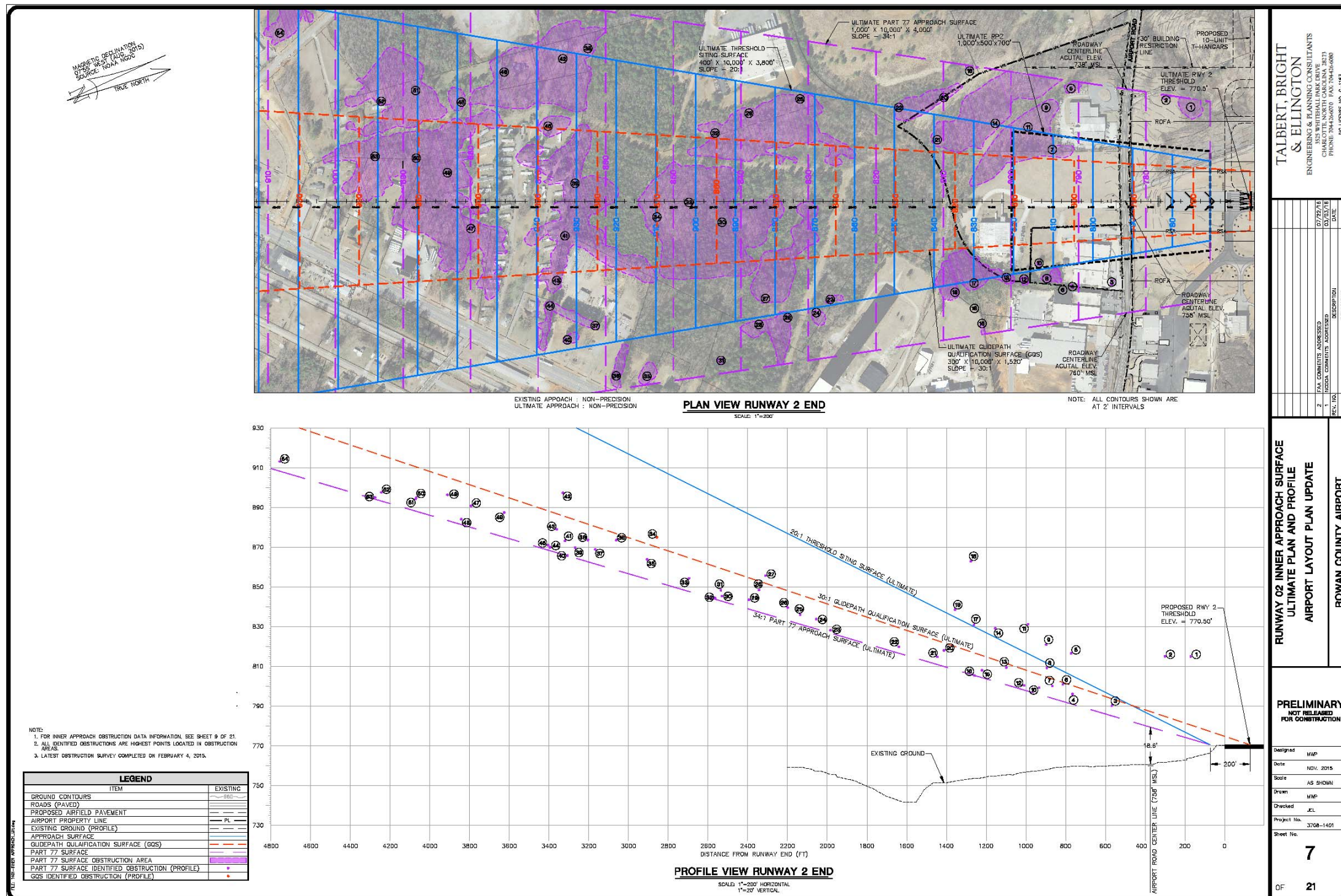


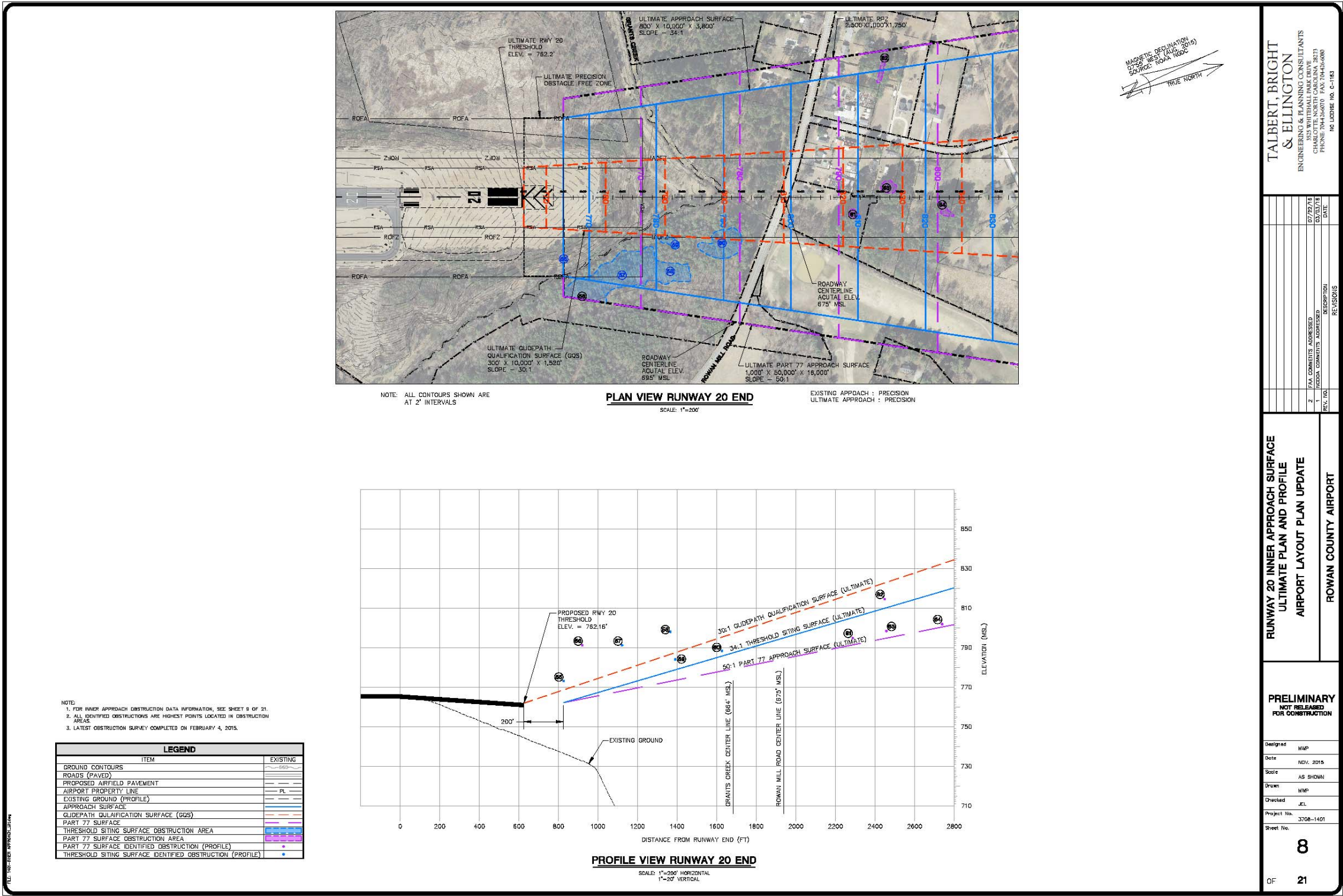














EXISTING RUNWAY 02 INNER APPROACH OBSTRUCTION DATA

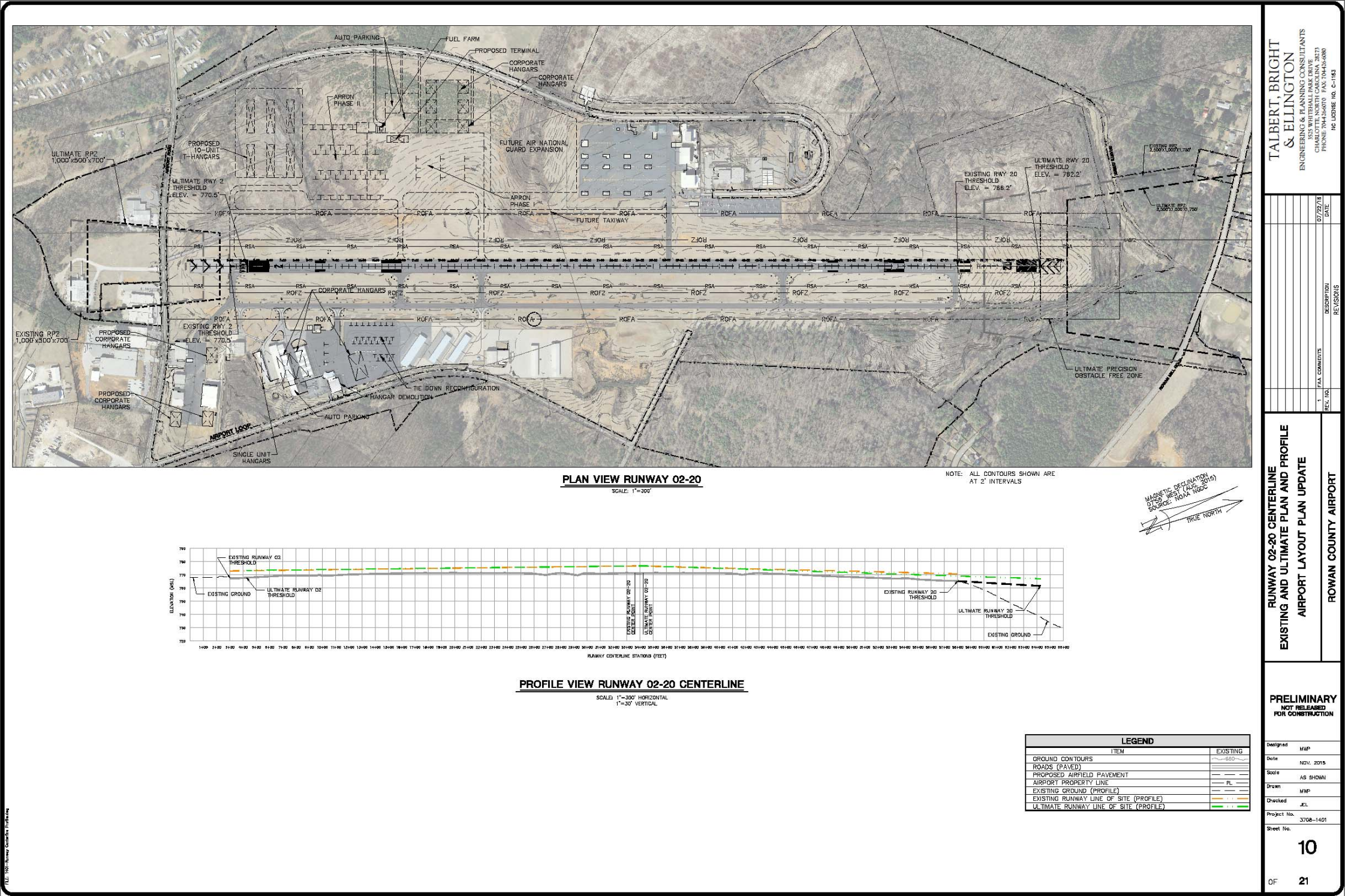
NO.	DESCRIPTION	SURFACE PENETRATING	ELEVATION	SURFACE ELEVATION	PENETRATION	DISTANCE FROM RUNWAY THRESHOLD	OFFSET FROM RUNWAY CENTERLINE	PROPOSED ACTION	TRIGGERING EVENT
1	TREE	PART 77	815.00	770.50	44.50	2100.00	435.74 R	TO BE REMOVED	RWY EXTENSION
2	TREE	PART 77	790.26	781.31	8.95	5467.40	7/07.93	TO BE REMOVED	RWY EXTENSION
3	TREE	PART 77	796.18	787.13	9.97	7465.50	7/30.85	TO BE REMOVED	RWY EXTENSION
4	TREE	PART 77	816.66	787.73	28.93	7472.33	566.39 R	TO BE REMOVED	RWY EXTENSION
5	TREE	PART 77	800.00	788.56	12.34	8414.30	7/17.87	TO BE REMOVED	RWY EXTENSION
6	TREE	PART 77	800.10	790.11	9.99	8466.61	258.78 R	TO BE REMOVED	RWY EXTENSION
7	TREE	PART 77	800.26	790.92	10.38	8491.36	390.13	TO BE REMOVED	RWY EXTENSION
8	TREE	PART 77	820.90	791.01	29.86	8498.51	170.72 R	TO BE REMOVED	RWY EXTENSION
9	TREE	PART 77	799.36	792.07	7.23	9433.46	312.31	TO BE REMOVED	RWY EXTENSION
10	TREE	PART 77	821.26	792.71	37.19	9493.28	373.24 R	TO BE REMOVED	RWY EXTENSION
11	TREE	PART 77	797.46	794.29	3.11	10408.79	742.4	TO BE REMOVED	RWY EXTENSION
12	TREE	PART 77	801.00	794.30	5.70	10409.31	383.05	TO BE REMOVED	RWY EXTENSION
13	IRRL	PARI 11	809.40	786.90	12.50	10491.13	384.90	TO BE REMOVED	RWY EXTENSION
14	TREE	PART 77	829.28	798.56	30.64	11454.17	395.11 R	TO BE REMOVED	RWY EXTENSION
15	TREE	PART 77	806.00	800.51	7.89	12420.97	616.67	TO BE REMOVED	RWY EXTENSION
16	IRRL	PARI 11	802.40	801.65	3.75	12425.57	540.68	TO BE REMOVED	RWY EXTENSION
17	IRRL	PARI 11	830.90	801.40	29.80	12420.93	434.04	TO BE REMOVED	RWY EXTENSION
18	IRRL	PARI 11	836.50	804.51	33.99	13456.46	459.46	TO BE REMOVED	RWY EXTENSION
19	IRRL	PARI 11	818.00	806.16	11.84	14412.50	527.23 R	TO BE REMOVED	RWY EXTENSION
20	IRRL	PARI 11	814.00	807.14	1.08	14446.81	508.80 R	TO BE REMOVED	RWY EXTENSION
21	IRRL	PARI 11	810.00	807.86	2.14	14449.11	503.00 R	TO BE REMOVED	RWY EXTENSION
22	IRRL	PARI 11	810.00	808.47	1.53	14490.82	562.49	TO BE REMOVED	RWY EXTENSION
23	IRRL	PARI 11	819.80	812.84	6.96	16439.49	477.33 R	TO BE REMOVED	RWY EXTENSION
24	IRRL	PARI 11	816.30	810.53	0.77	17433.16	133.04 R	TO BE REMOVED	RWY EXTENSION
25	IRRL	PARI 11	826.20	822.98	5.22	19484.36	494.43	TO BE REMOVED	RWY EXTENSION
26	IRRL	PARI 11	833.80	826.06	8.48	20453.00	561.97	TO BE REMOVED	RWY EXTENSION
27	TRFF	PART 77	836.00	827.45	8.55	21336.46	513.86 R	TO BE REMOVED	RWY EXTENSION
28	IRRL	PARI 11	839.60	828.80	10.80	22499.03	587.35	TO BE REMOVED	RWY EXTENSION
29	IRRL	PARI 11	852.60	832.58	20.02	23410.65	491.1	TO BE REMOVED	RWY EXTENSION
30	TRFF	PART 77	848.40	831.55	14.85	23443.73	601.44	TO BE REMOVED	RWY EXTENSION
31	TRFF	PART 77	843.50	835.08	8.47	23493.88	447.41 R	TO BE REMOVED	RWY EXTENSION
32	IRRL	PARI 11	839.50	838.01	1.49	24495.23	523.53	TO BE REMOVED	RWY EXTENSION
33	TRFF	PART 77	843.40	839.09	4.38	25474.53	106.06	TO BE REMOVED	RWY EXTENSION
34	TRFF	PART 77	846.30	839.20	5.10	25434.64	805.03	TO BE REMOVED	RWY EXTENSION
35	TRFF	PART 77	844.40	840.05	4.35	25464.55	347.20 R	TO BE REMOVED	RWY EXTENSION
36	TRFF	PART 77	854.30	843.91	10.39	26495.47	639.17	TO BE REMOVED	RWY EXTENSION
37	TRFF	PART 77	871.00	848.66	26.34	26417.41	80.80 R	TO BE REMOVED	RWY EXTENSION
38	TRFF	PART 77	863.00	850.11	15.79	26406.77	880.79	TO BE REMOVED	RWY EXTENSION
39	TRFF	PART 77	878.50	854.67	18.83	30461.84	880.34	TO BE REMOVED	RWY EXTENSION
40	TRFF	PART 77	868.00	857.76	11.12	31467.43	887.25	TO BE REMOVED	RWY EXTENSION
41	TREE	PART 77	873.60	858.87	14.75	32104.52	766.73 R	TO BE REMOVED	RWY EXTENSION
42	TRFF	PART 77	869.70	860.77	5.08	32489.19	891.00 R	TO BE REMOVED	RWY EXTENSION
43	TRFF	PART 77	863.50	861.91	7.89	33409.07	689.30	TO BE REMOVED	RWY EXTENSION
44	TREE	PART 77	873.20	862.36	10.94	33110.98	175.52	TO BE REMOVED	RWY EXTENSION
45	TREE	PART 77	867.40	862.50	34.83	33131.22	717.10 R	TO BE REMOVED	RWY EXTENSION
46	TRFF	PART 77	876.00	863.40	15.61	33461.59	400.26	TO BE REMOVED	RWY EXTENSION
47	TREE	PART 77	880.00	864.46	5.42	33195.34	528.53	TO BE REMOVED	RWY EXTENSION
48	TREE	PART 77	871.00	864.76	6.34	34104.85	715.87 R	TO BE REMOVED	RWY EXTENSION
49	TREE	PART 77	887.50	871.27	16.23	36416.21	649.29 R	TO BE REMOVED	RWY EXTENSION
50	TREE	PART 77	880.80	876.20	14.60	37493.70	138.36	TO BE REMOVED	RWY EXTENSION
51	TREE	PART 77	884.10	877.63	6.47	38142.30	426.78 R	TO BE REMOVED	RWY EXTENSION
52	TREE	PART 77	896.40	879.67	16.73	39411.01	112.58 R	TO BE REMOVED	RWY EXTENSION
53	TREE	PART 77	891.80	881.28	10.63	40483.27	216.01 R	TO BE REMOVED	RWY EXTENSION
54	TREE	PART 77	891.80	881.37	10.03	40711.09	226.07 R	TO BE REMOVED	RWY EXTENSION
55	TREE	PART 77	897.60	889.48	8.12	72445.31	500.06 R	TO BE REMOVED	RWY EXTENSION
56	TREE	PART 77	902.10	890.39	11.71	72476.26	224.58 R	TO BE REMOVED	RWY EXTENSION
57	TREE	PART 77	913.10	901.50	8.60	77455.96	846.67 R	TO BE REMOVED	RWY EXTENSION

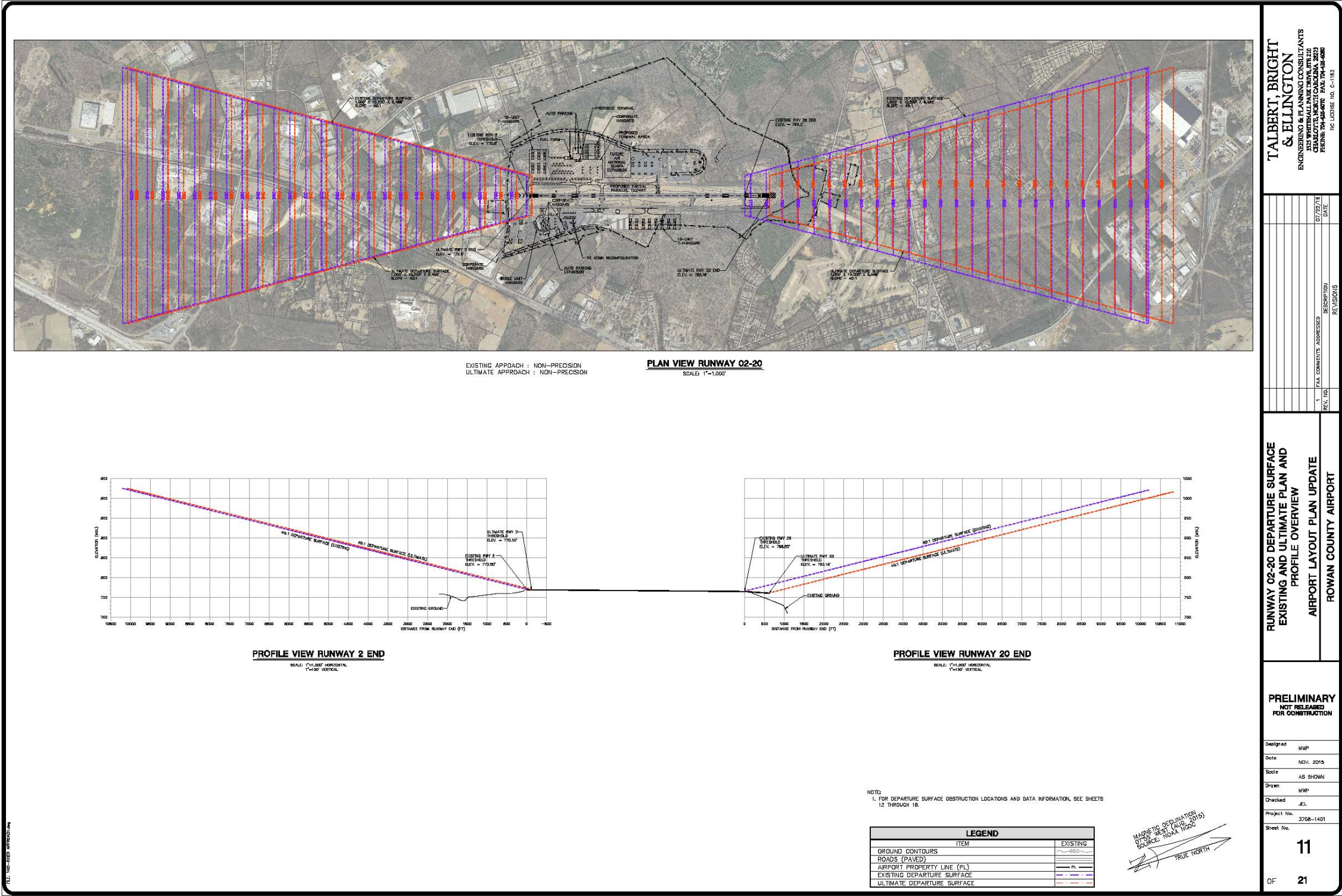
EXISTING RUNWAY 20 INNER APPROACH OBSTRUCTION DATA

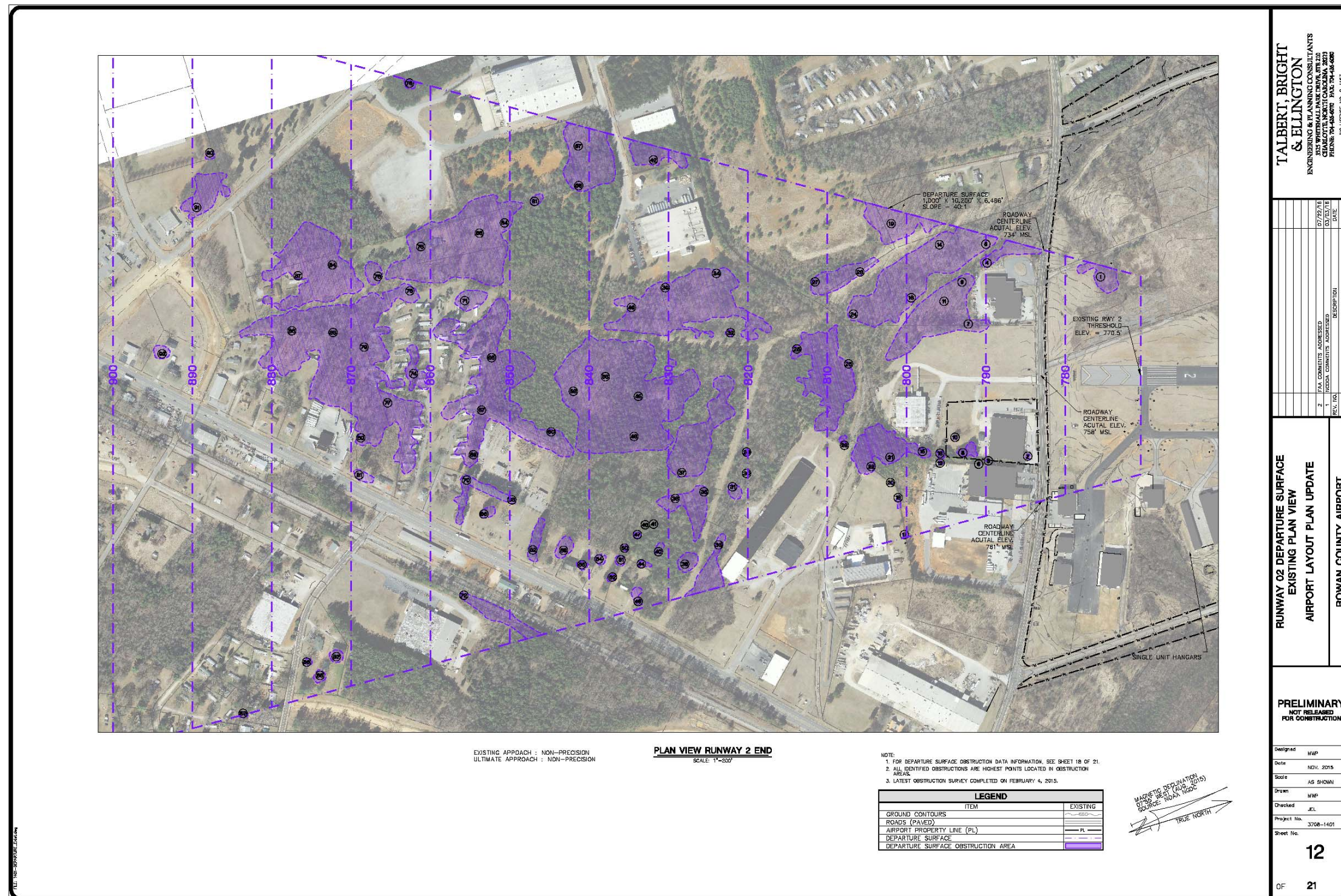
A.O.	DESCRIPTION	SURFACE PENETRATING	ELEVATION	SURFACE ELEVATION	PENETRATION	DISTANCE FROM RUNWAY THRESHOLD	OFFSET FROM RUNWAY CENTERLINE	PROPOSED ACTION	TRIGGERING EVENT
58	TREE	PART 77	794.76	768.00	26.76	2479.51	461.73 R	TO BE REMOVED	RWY EXTENSION
59	TREE	PART 77	779.90	775.94	3.96	6475.67	553.32 R	TO BE REMOVED	RWY EXTENSION
60	TREE	THRESHOLD SITTING	791.20	778.19	13.01	7448.26	515.10 R	TO BE REMOVED	RWY EXTENSION
61	TREE	PART 77	791.10	787.50	3.60	8438.10	489.48 R	TO BE REMOVED	RWY EXTENSION
62	TREE	PART 77	797.90	789.73	8.17	13405.00	373.26 R	TO BE REMOVED	RWY EXTENSION
63	TREE	PART 77	814.50	811.40	3.10	21448.51	705.18 R	TO BE REMOVED	RWY EXTENSION

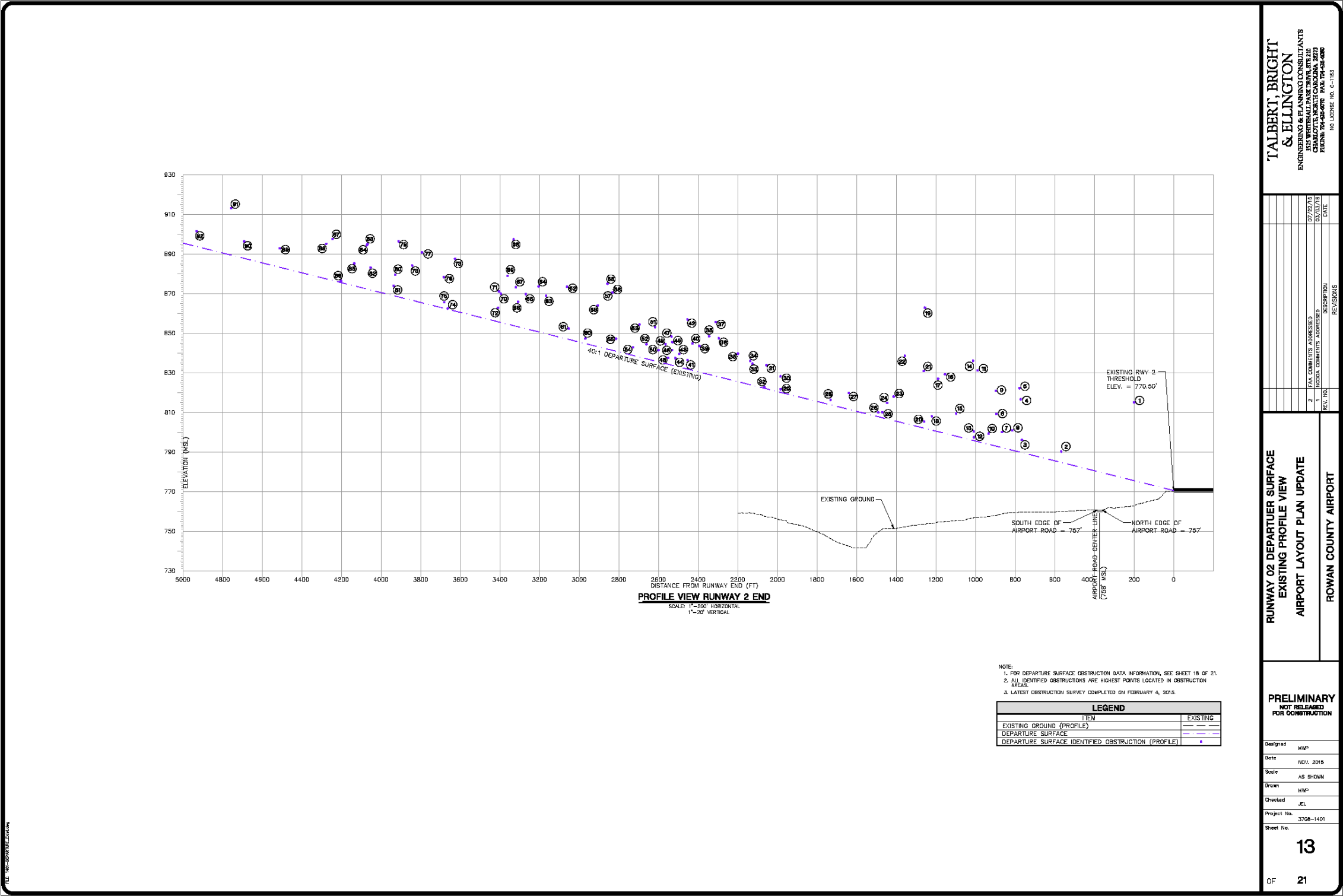
ULTIMATE RUNWAY 02 INNER APPROACH OBSTRUCTION DATA

NO.	DESCRIPTION	SURFACE PENETRATING	ELEVATION	SURFACE ELEVATION	PENETRATION	DISTANCE FROM RUNWAY THRESHOLD	OFFSET FROM RUNWAY CENTERLINE	PROPOSED ACTION	TRIGGERING EVENT
1	TREE	PART 77	815.00	773.38	41.62	2497.81	116.07 R	TO BE REMOVED	RWY EXTENSION
2	TREE	PART 77	815.00	777.21	37.79	4423.00	512.38 R	TO BE REMOVED	RWY EXTENSION
3	TREE	PART 77	790.20	785.07	5.13	6465.37	407.93 L	TO BE REMOVED	RWY EXTENSION
4	TREE	PART 77	796.10	790.90	5.20	8465.47	430.85 L	TO BE REMOVED	RWY EXTENSION
5	IRRL	PARI 11	816.60	791.10	25.50	2403.30	566.29 R	TO BE REMOVED	RWY EXTENSION
6	IRRL	PARI 11	800.90	792.33	8.57	3442.67	447.87 L	TO BE REMOVED	RWY EXTENSION
7	IRRL	PARI 11	800.10	793.87	6.23	3494.61	258.78 R	TO BE REMOVED	RWY EXTENSION
8	IRRL	PARI 11	809.20	794.68	34.52	10422.14	380.49 L	TO BE REMOVED	RWY EXTENSION
9	TRFF	PART 77	844.90	794.80	26.10	10455.51	470.47 R	TO BE REMOVED	RWY EXTENSION
10	TRFF	PART 77	799.30	795.68	3.66	10477.44	317.34 L	TO BE REMOVED	RWY EXTENSION
11	TREE	PART 77	831.20	777.48	53.72	11477.25	373.24 R	TO BE REMOVED	RWY EXTENSION
12	TREE	PART 77	804.00	778.07	25.93	11477.25	373.24 R	TO BE REMOVED	RWY EXTENSION
13	TREE	PART 77	809.10	800.67	8.73	12425.71	383.90 L	TO BE REMOVED	RWY EXTENSION
14	TREE	PART 77	829.20	802.33	26.87	12425.71	383.90 L	TO BE REMOVED	RWY EXTENSION
15	TREE	PART 77	833.00	801.76	31.24	13444.11	616.67 L	TO BE REMOVED	RWY EXTENSION
16	TREE	PART 77	805.10	805.10	-0.01	13466.35	590.80 L	TO BE REMOVED	RWY EXTENSION
17	TREE	PART 77	890.90	805.17	25.43	13488.30	413.01 L	TO BE REMOVED	RWY EXTENSION
18	TREE	PART 77	862.90	805.94	56.96	14470.95	600.34 R	TO BE REMOVED	RWY EXTENSION
19	IRRL	PARI 11	838.50	808.26	30.24	14484.44	459.46 L	TO BE REMOVED	RWY EXTENSION
20	TREE	PART 77	818.00	809.51	8.07	15404.88	521.23 R	TO BE REMOVED	RWY EXTENSION
21	TRFF	PART 77	814.90	810.51	3.89	15473.78	308.80 R	TO BE REMOVED	RWY EXTENSION
22	TRFF	PART 77	819.80	816.60	3.20	17474.47	471.33 R	TO BE REMOVED	RWY EXTENSION
23	TRFF	PART 77	818.70	816.74	1.46	21471.14	494.41 L	TO BE REMOVED	RWY EXTENSION
24	TRFF	PART 77	823.80	818.87	4.96	21482.38	501.97 L	TO BE REMOVED	RWY EXTENSION
25	TREE	PART 77	826.00	811.22	4.78	22444.44	515.36 R	TO BE REMOVED	RWY EXTENSION
26	TREE	PART 77	829.60	813.05	6.54	23477.01	527.35 L	TO BE REMOVED	RWY EXTENSION
27	TREE	PART 77	805.60	836.31	35.26	24482.62	491.11 L	TO BE REMOVED	RWY EXTENSION
28	TREE	PART 77	918.10	837.31	11.09	24477.71	621.11 L	TO BE REMOVED	RWY EXTENSION
29	TREE	PART 77	919.50	838.79	4.71	25471.35	641.31 R	TO BE REMOVED	RWY EXTENSION
30	IRRL	PARI 11	945.40	842.76	2.64	26471.50	106.06 L	TO BE REMOVED	RWY EXTENSION
31	IRRL	PARI 11	948.40	842.95	3.44	26462.81	810.03 L	TO BE REMOVED	RWY EXTENSION
32	IRRL	PARI 11	944.40	843.81	0.59	26492.53	342.07 R	TO BE REMOVED	RWY EXTENSION
33	IRRL	PARI 11	864.30	841.68	6.62	28423.95	639.17 L	TO BE REMOVED	RWY EXTENSION
34	TRFF	CQS	875.00	820.01	4.99	29485.35	80.49 L	TO BE REMOVED	RWY EXTENSION
35	TRFF	PART 77	863.50	853.67	10.83	31444.65	880.19 L	TO BE REMOVED	RWY EXTENSION
36	TRFF	PART 77	873.50	854.48	15.06	31449.91	880.34 L	TO BE REMOVED	RWY EXTENSION
37	TRFF	PART 77	869.00	861.54	7.36	32455.40	877.85 L	TO BE REMOVED	RWY EXTENSION
38	TRFF	PART 77	873.60	862.51	10.67	33432.50	768.71 R	TO BE REMOVED	RWY EXTENSION
39	TREE	PART 77	869.70	864.53	1.27	33497.16	890.00 R	TO BE REMOVED	RWY EXTENSION
40	TREE	PART 77	865.60	865.66	0.12	34460.05	605.30 L	TO BE REMOVED	RWY EXTENSION
41	TREE	PART 77	873.20	866.63	7.17	34477.35	175.52 L	TO BE REMOVED	RWY EXTENSION
42	TREE	PART 77	897.10	866.36	31.04	34499.20	717.10 R	TO BE REMOVED	RWY EXTENSION
43	IRRL	PARI 11	879.00	867.20	11.72	34499.20	410.28 L	TO BE REMOVED	RWY EXTENSION
44	IRRL	PARI 11	889.40	868.24	1.66	35423.32	528.33 L	TO BE REMOVED	RWY EXTENSION
45	IRRL	PARI 11	871.00	868.53	2.47	35428.65	316.87 R	TO BE REMOVED	RWY EXTENSION
46	IRRL	PARI 11	887.50	875.01	12.47	37444.18	649.29 R	TO BE REMOVED	RWY EXTENSION
47	IRRL	PARI 11	890.80	879.96	10.84	39427.57	138.36 L	TO BE REMOVED	RWY EXTENSION
48	TRFF	PART 77	886.10	881.55	7.71	39470.77	486.79 R	TO BE REMOVED	RWY EXTENSION
49	TRFF	PART 77	886.40	883.44	17.56	41492.88	147.58 R	TO BE REMOVED	RWY EXTENSION
50	TRFF	PART 77	894.00	888.06	6.85	41496.84	216.01 R	TO BE REMOVED	RWY EXTENSION
51	TRFF	PART 77	894.40	888.14	6.26	41496.87	216.01 R	TO BE REMOVED	RWY EXTENSION
52	TREE	PART 77	897.50	883.05	4.55	43473.26	502.36 R	TO BE REMOVED	RWY EXTENSION
53	TREE	PART 77	905.10	881.05	20.05	44404.23	221.58 R	TO BE REMOVED	RWY EXTENSION
54	TREE	PART 77	913.20	908.26	24.91	48493.31	846.67 R	TO BE REMOVED	RWY EXTENSION

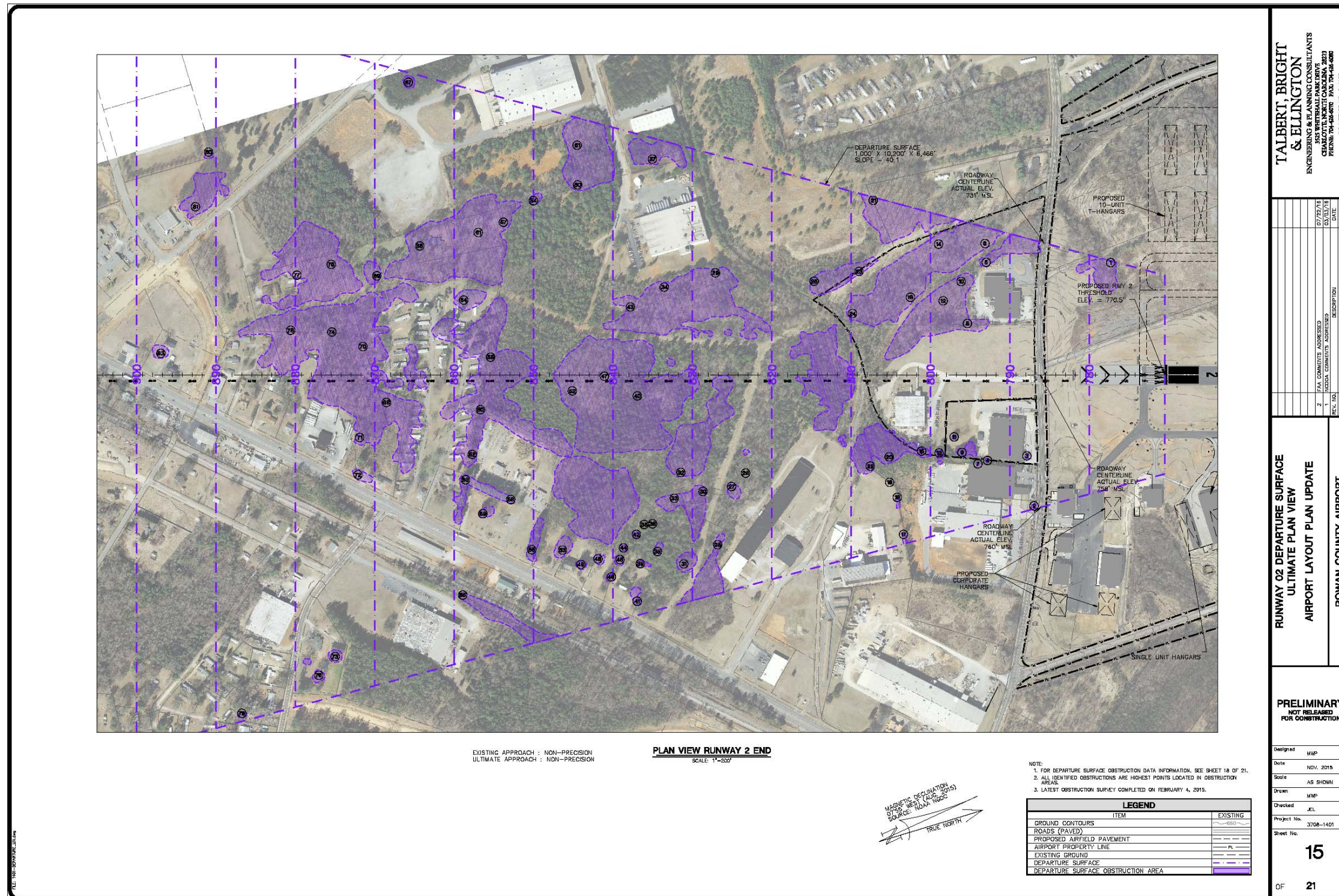


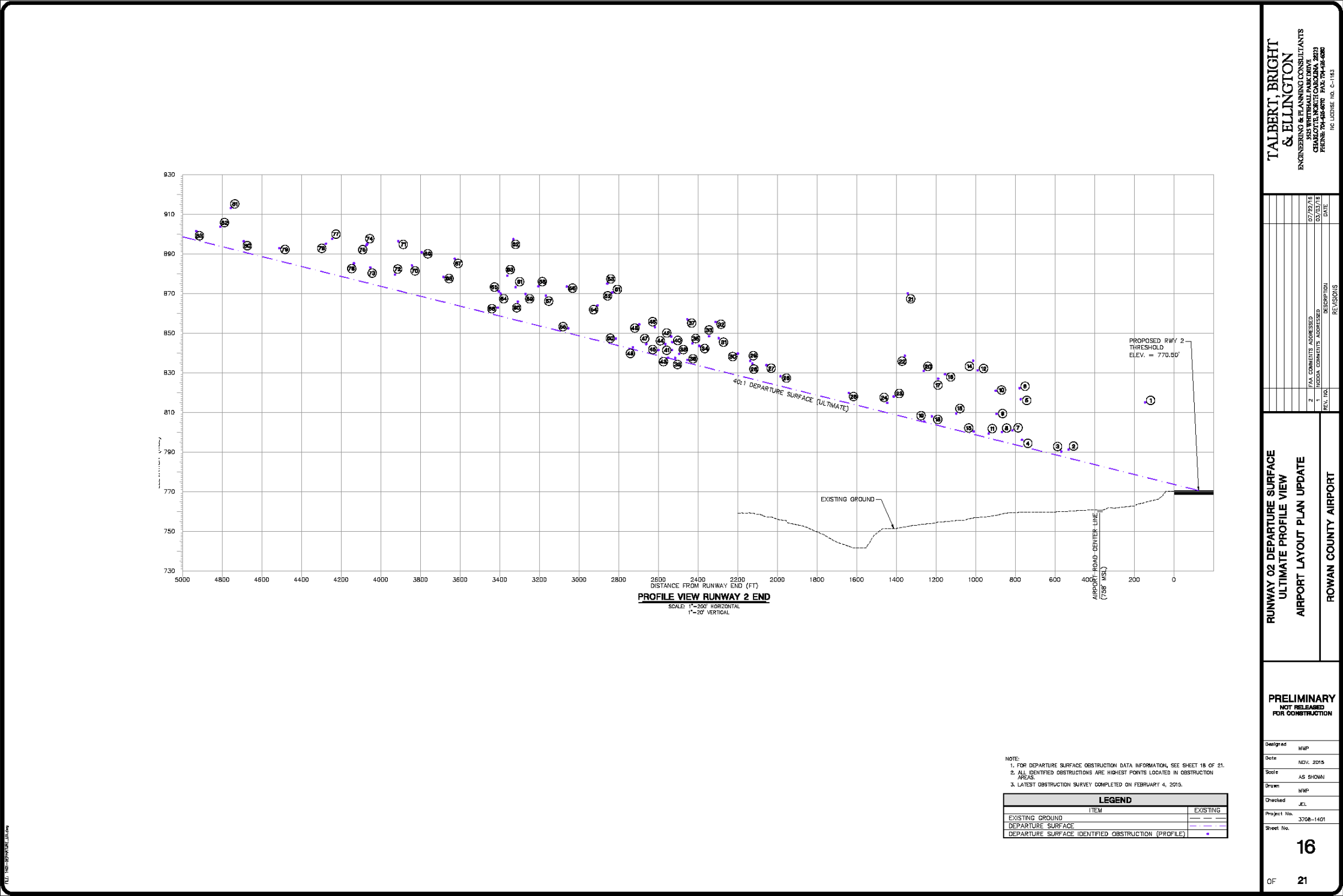
















ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

EXISTING RUNWAY 02 INNER APPROACH OBSTRUCTION DATA

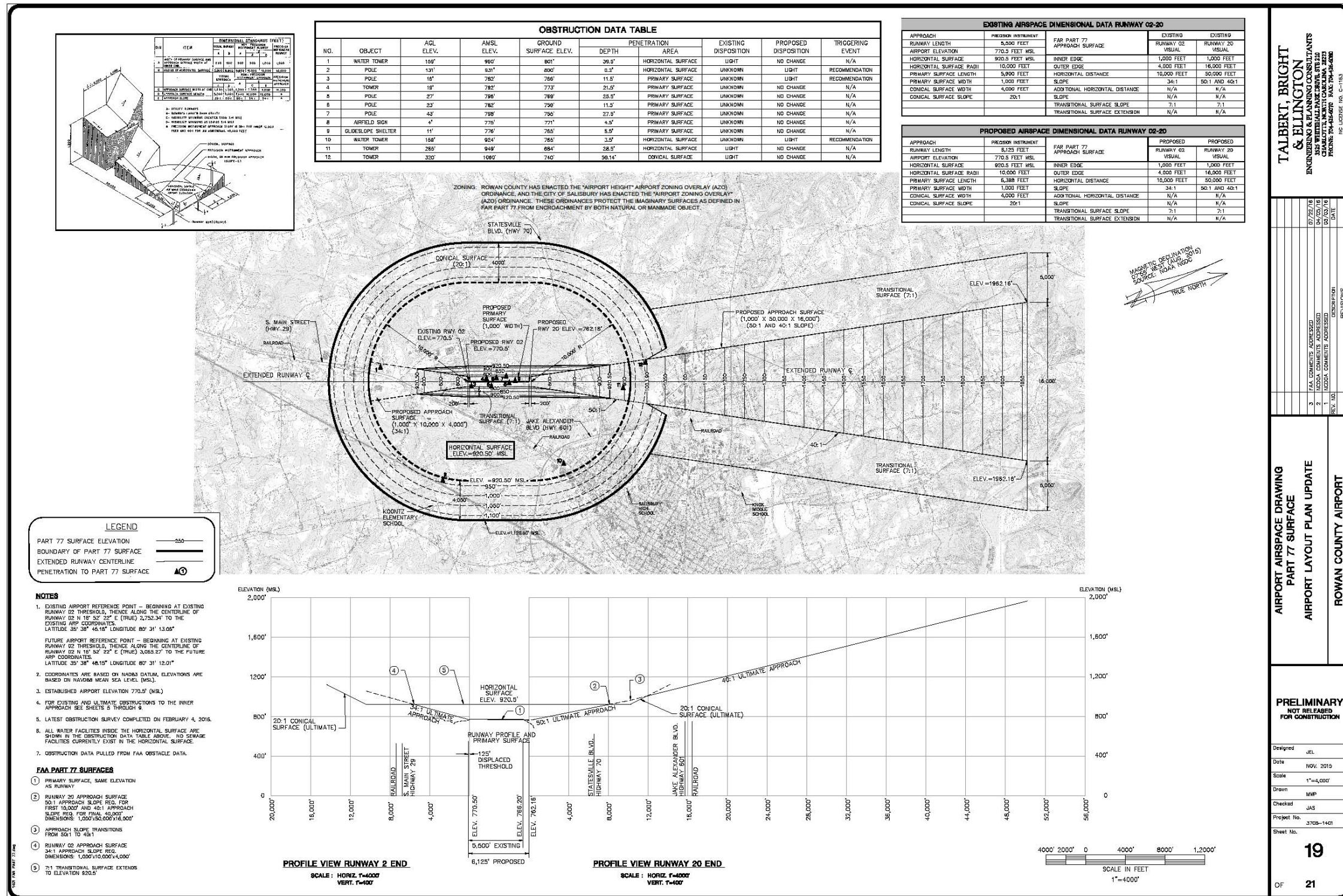
N.O.	DESCRIPTION	SURFACE PENETRATING	ELEVATION	SURFACE PENETRATING	ELEVATION	DISTANCE FROM RUNWAY THRESHOLD	OFFSET FROM RUNWAY CENTERLINE	PROPOSED ACTION
1	TREES	DEPARTURE	815.00	775.50	39.50	2-00.00	495.48 R	TO BE REMOVED
2	TREES	DEPARTURE	790.20	764.68	5.51	5-67.40	407.93 L	TO BE REMOVED
3	TREES	DEPARTURE	796.10	769.64	6.46	7-65.50	480.85 L	TO BE REMOVED
4	TREES	DEPARTURE	816.60	789.81	26.79	7-72.33	555.55 R	TO BE REMOVED
5	TREES	DEPARTURE	822.20	789.56	32.64	7-78.33	651.42 R	TO BE REMOVED
6	TREES	DEPARTURE	800.90	790.85	10.95	8-14.10	447.87	TO BE REMOVED
7	TREES	DEPARTURE	800.10	792.17	7.93	8-66.64	258.79 R	TO BE REMOVED
8	TREES	DEPARTURE	809.20	792.85	16.35	8-94.16	390.41	TO BE REMOVED
9	TREES	DEPARTURE	830.90	792.96	27.94	8-95.54	471.49 R	TO BE REMOVED
10	TREES	DEPARTURE	795.30	793.84	5.46	9-33.45	332.34 L	TO BE REMOVED
11	TREES	DEPARTURE	831.20	795.23	35.97	9-80.28	575.30 R	TO BE REMOVED
12	TREES	DEPARTURE	797.40	795.72	1.68	10-08.79	442.17	TO BE REMOVED
13	TREES	DEPARTURE	824.00	795.73	8.27	10-02.31	359.05 L	TO BE REMOVED
14	TREES	DEPARTURE	836.00	795.80	40.20	10-12.06	658.47 R	TO BE REMOVED
15	TREES	DEPARTURE	836.40	797.94	11.46	10-47.33	801.80	TO BE REMOVED
16	TREES	DEPARTURE	825.20	799.35	29.85	11-54.17	301.11 R	TO BE REMOVED
17	TREES	DEPARTURE	827.00	801.72	26.78	11-88.75	846.01	TO BE REMOVED
18	TREES	DEPARTURE	838.00	803.01	6.99	12-20.43	636.07 L	TO BE REMOVED
19	TREES	DEPARTURE	862.00	801.87	61.03	12-54.03	765.80 R	TO BE REMOVED
20	TREES	DEPARTURE	803.77	803.77	0.00	13-43.87	240.86 L	TO BE REMOVED
21	TREES	DEPARTURE	882.00	802.02	26.88	12-02.58	433.04 L	TO BE REMOVED
22	TREES	DEPARTURE	870.00	804.41	66.50	13-56.46	870.50 R	TO BE REMOVED
23	TREES	DEPARTURE	838.00	805.81	12.19	14-32.50	521.23 R	TO BE REMOVED
24	TREES	DEPARTURE	814.80	806.05	8.13	14-45.81	308.80 R	TO BE REMOVED
25	TREES	DEPARTURE	830.00	807.25	2.75	14-70.11	38.00 R	TO BE REMOVED
26	TREES	DEPARTURE	890.00	807.27	2.29	14-95.62	552.70 L	TO BE REMOVED
27	TREES	DEPARTURE	819.80	811.49	8.31	16-39.49	471.39 R	TO BE REMOVED
28	TREES	DEPARTURE	836.30	813.78	2.52	17-31.16	133.04 R	TO BE REMOVED
29	TREES	DEPARTURE	821.60	820.10	1.50	19-83.93	387.05 L	TO BE REMOVED
30	TREES	DEPARTURE	828.20	820.10	8.10	19-84.16	494.41 L	TO BE REMOVED
31	TREES	DEPARTURE	833.80	821.88	11.92	20-55.00	581.97 L	TO BE REMOVED
32	TREES	DEPARTURE	822.80	822.14	0.66	20-65.58	235.05 R	TO BE REMOVED
33	TREES	DEPARTURE	834.60	823.64	10.96	21-25.44	854.77 L	TO BE REMOVED
34	TREES	DEPARTURE	836.00	823.91	12.09	21-36.46	533.88 R	TO BE REMOVED
35	TREES	DEPARTURE	839.60	825.48	14.12	21-99.03	587.35 L	TO BE REMOVED
36	TREES	DEPARTURE	847.40	827.88	19.52	22-55.32	551.91 L	TO BE REMOVED
37	TREES	DEPARTURE	855.60	829.17	27.33	23-10.65	480.11 L	TO BE REMOVED
38	TREES	DEPARTURE	849.40	829.09	19.31	23-43.73	621.44 L	TO BE REMOVED
39	TREES	DEPARTURE	843.50	830.35	13.15	23-93.88	443.51 R	TO BE REMOVED
40	TREES	DEPARTURE	844.80	831.22	13.58	24-39.65	898.14 L	TO BE REMOVED
41	TREES	DEPARTURE	836.50	831.83	4.67	24-53.29	750.04 L	TO BE REMOVED
42	TREES	DEPARTURE	856.00	832.85	24.15	24-53.83	1086.51 R	TO BE REMOVED
43	TREES	DEPARTURE	839.50	832.88	6.62	24-49.23	753.63 L	TO BE REMOVED
44	TREES	DEPARTURE	837.40	833.37	4.03	25-14.71	950.64 L	TO BE REMOVED
45	TREES	DEPARTURE	845.40	833.74	11.66	25-25.53	106.06 L	TO BE REMOVED
46	TREES	DEPARTURE	841.50	833.77	7.73	25-40.77	1139.95 L	TO BE REMOVED
47	TREES	DEPARTURE	842.30	833.87	14.43	24-54.64	882.03 L	TO BE REMOVED
48	TREES	DEPARTURE	837.60	834.28	5.30	25-51.57	307.97 L	TO BE REMOVED
49	TREES	DEPARTURE	844.40	834.61	9.79	25-54.55	342.20 R	TO BE REMOVED
50	TREES	DEPARTURE	841.40	835.48	5.92	25-59.28	871.14 L	TO BE REMOVED
51	TREES	DEPARTURE	853.00	835.78	17.07	26-17.26	730.26 L	TO BE REMOVED
52	TREES	DEPARTURE	844.40	837.01	7.39	25-26.77	1027.15 L	TO BE REMOVED
53	TREES	DEPARTURE	854.30	837.00	16.40	26-59.07	6.50 L	TO BE REMOVED
54	TREES	DEPARTURE	842.80	838.71	4.09	27-28.25	926.64 L	TO BE REMOVED
55	TREES	DEPARTURE	847.20	840.85	6.35	28-13.82	954.51 L	TO BE REMOVED
56	TREES	DEPARTURE	870.60	841.27	28.39	28-30.66	959.99 R	TO BE REMOVED
57	TREES	DEPARTURE	870.50	841.32	28.18	28-53.89	1156.68 R	TO BE REMOVED
58	TREES	DEPARTURE	872.00	841.84	33.06	28-57.41	80.49 L	TO BE REMOVED
59	TREES	DEPARTURE	869.90	843.17	20.79	29-06.72	882.19 L	TO BE REMOVED
60	TREES	DEPARTURE	847.30	844.73	2.57	29-05.05	284.88 L	TO BE REMOVED
61	TREES	DEPARTURE	852.40	845.31	5.09	30-53.26	877.05 R	TO BE REMOVED
62	TREES	DEPARTURE	873.50	847.05	26.45	30-51.94	880.24 L	TO BE REMOVED
63	TREES	DEPARTURE	868.80	849.69	19.71	31-07.46	127.87 L	TO BE REMOVED
64	TREES	DEPARTURE	873.60	850.63	22.99	32-04.52	768.71 R	TO BE REMOVED
65	TREES	DEPARTURE	869.70	852.23	17.47	32-05.19	89.05 R	TO BE REMOVED
66	TREES	DEPARTURE	855.80	853.20	12.60	33-08.07	699.39 L	TO BE REMOVED
67	TREES	DEPARTURE	873.20	853.50	19.70	33-19.98	175.32 L	TO BE REMOVED
68	TREES	DEPARTURE	847.40	853.29	43.60	33-11.22	717.10 R	TO BE REMOVED
69	TREES	DEPARTURE	878.00	854.54	24.46	33-61.59	400.28 L	TO BE REMOVED
70	TREES	DEPARTURE	889.90	855.38	14.52	33-35.34	528.53 L	TO BE REMOVED
71	TREES	DEPARTURE	871.00	855.62	15.38	34-04.88	376.87 R	TO BE REMOVED
72	TREES	DEPARTURE	862.80	855.73	7.07	34-09.33	1318.80 L	TO BE REMOVED
73	TREES	DEPARTURE	867.50	861.16	24.34	36-26.71	640.29 R	TO BE REMOVED
74	TREES	DEPARTURE	867.50	862.02	0.43	36-62.61	6.12 R	TO BE REMOVED
75	TREES	DEPARTURE	865.60	862.53	3.07	36-81.18	425.82 R	TO BE REMOVED
76	TREES	DEPARTURE	878.30	862.98	15.72	36-83.16	1479.61 R	TO BE REMOVED
77	TREES	DEPARTURE	890.80	865.14	25.46	37-43.70	136.96 L	TO BE REMOVED
78	TREES	DEPARTURE	884.10	865.56	17.54	38-43.30	436.28 R	TO BE REMOVED
79	TREES	DEPARTURE	896.40	868.10	26.10	39-1.01	142.88 R	TO BE REMOVED
80	TREES	DEPARTURE	878.50	868.72	16.78	39-28.73	315.20 L	TO BE REMOVED
81	TREES	DEPARTURE	873.00	868.72	4.98	39-36.95	500.65 L	TO BE REMOVED
82	TREES	DEPARTURE	883.10	871.80	11.30	40-52.30	1418.50 L	TO BE REMOVED
83	TREES	DEPARTURE	884.50	872.22	22.88	40-58.87	235.01 R	TO BE REMOVED
84	TREES	DEPARTURE	884.40	872.71	22.11	40-71.49	1564.67 R	TO BE REMOVED
85	TREES	DEPARTURE	885.20	873.86	13.34	41-34.54	3512.94 L	TO BE REMOVED
86	TREES	DEPARTURE	876.40	875.54	0.86	42-01.60	1445.95 L	TO BE REMOVED
87	TREES	DEPARTURE	897.60	876.63	30.97	42-45.31	502.06 R	TO BE REMOVED
88	TREES	DEPARTURE	902.10	877.41	27.69	42-76.26	234.58 R	TO BE REMOVED
89	TREES	DEPARTURE	892.80	883.20	9.51	45-22.08	3744.51 L	TO BE REMOVED
90	TREES	DEPARTURE	886.30	887.75	8.55	46-40.15	1122.15 R	TO BE REMOVED
91	TREES	DEPARTURE	913.10	889.40	23.70	47-55.96	845.67 R	TO BE REMOVED
92	TREES	DEPARTURE	901.50	893.75	7.75	49-30.01	108.60 R	TO BE REMOVED

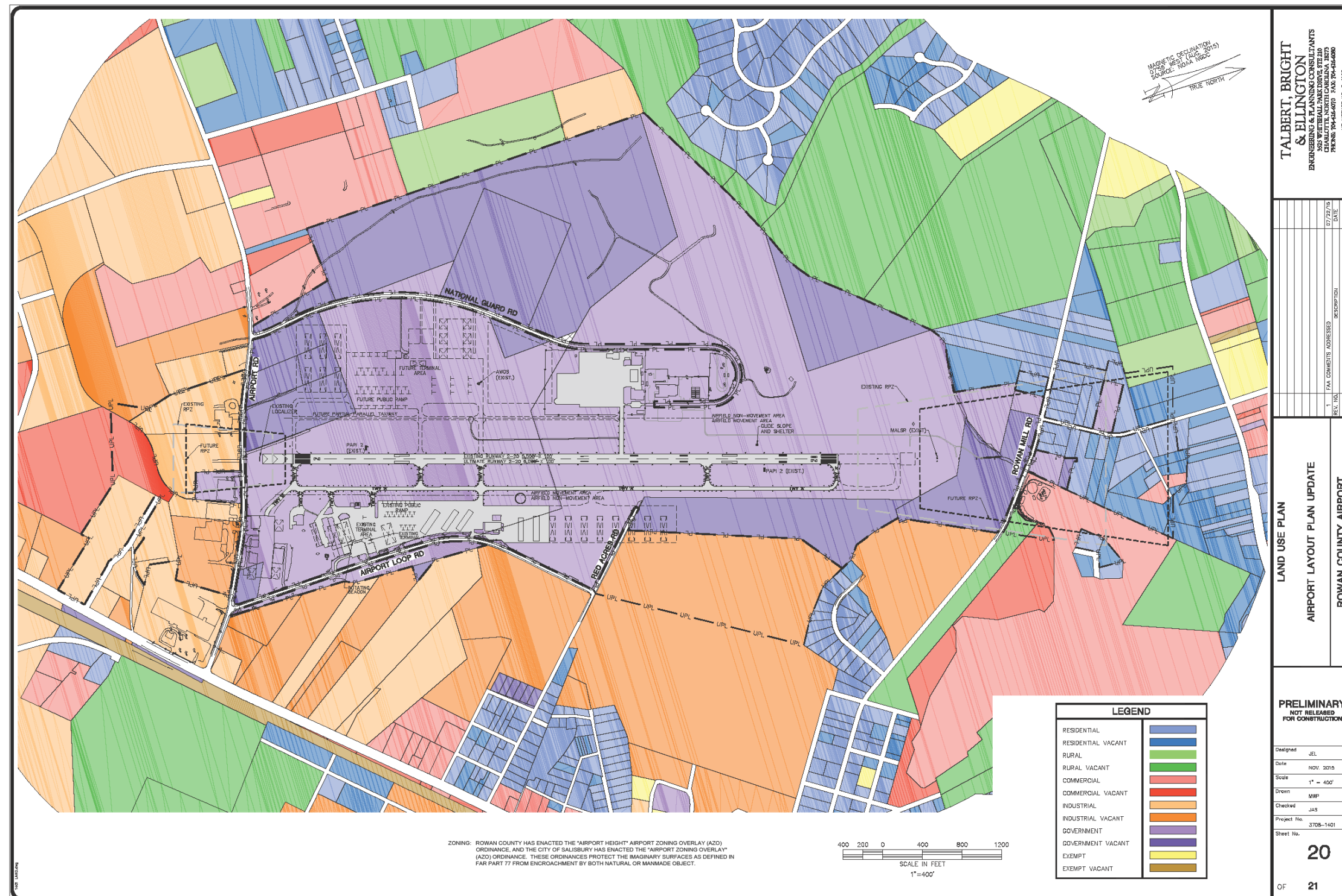
ULTIMATE RUNWAY 02 INNER APPROACH OBSTRUCTION DATA

N.O.	DESCRIPTION	SURFACE PENETRATING	ELEVATION	SURFACE PENETRATING	ELEVATION	DISTANCE FROM RUNWAY THRESHOLD	OFFSET FROM RUNWAY CENTERLINE	PROPOSED ACTION
1	TREES	DEPARTURE	815.00	777.25	37.75	2-73.36	565.28 R	TO BE REMOVED
2	TREES	DEPARTURE	791.20	786.90	4.30	5-59.18	659.67 L	TO BE REMOVED
3	TREES	DEPARTURE	790.20	787.61	2.59	8-95.57	407.93 L	TO BE REMOVED
4	TREES	DEPARTURE	796.10	792.76	3.34	8-93.47	480.85 L	TO BE REMOVED
5	TREES	DEPARTURE	822.20	792.53	23.67	9-00.30	566.55 R	TO BE REMOVED
6	TREES	DEPARTURE	822.20	793.85	28.35	9-06.97	663.42 R	TO BE REMOVED
7	TREES	DEPARTURE	800.90	793.98	6.92	9-42.07	447.87 L	TO BE REMOVED
8	TREES	DEPARTURE	800.10	795.19	4.81	9-64.63	258.79 R	TO BE REMOVED
9	TREES	DEPARTURE	830.90	795.08	13.22	10-22.14	390.41 R	TO BE REMOVED
10	TREES	DEPARTURE	830.90	796.04	24.06	10-26.31	470.42 R	TO BE REMOVED
11	TREES	DEPARTURE	799.30	796.96	2.34	10-01.44	312.34 L	TO BE REMOVED
12	TREES	DEPARTURE	831.20	798.36	32.84	11-17.25	373.20 R	TO BE REMOVED
13	TREES	DEPARTURE	804.00	798.86	5.14	11-37.29	393.05 L	TO BE REMOVED
14	TREES	DEPARTURE	836.00	798.93	37.07	11-40.06	658.42 R	TO BE REMOVED
15	TREES	DEPARTURE	886.40	801.07	8.33	12-25.71	385.90 L	TO BE REMOVED
16	TREES	DEPARTURE	837.20	802.48	26.77	12-82.15	391.11 R	TO BE REMOVED
17	TREES	DEPARTURE	837.00	803.34	23.66	13-11.61	846.00 L	TO BE REMOVED
18	TREES	DEPARTURE	808.00	804.14	3.86	13-48.41	616.67 L	TO BE REMOVED
19	TREES	DEPARTURE	805.40	805.10	0.30	13-06.95	540.86 L	TO BE REMOVED
20	TREES	DEPARTURE	833.00	805.15	25.75	13-85.30	413.04 L	TO BE REMOVED
21	TREES	DEPARTURE	870.00	807.17	13.83	14-40.76	870.50 R	TO BE REMOVED
22	TREES	DEPARTURE	838.50	807.54	10.96	14-84.44	459.46 L	TO BE REMOVED
23	TREES	DEPARTURE	818.00	808.34	9.06	15-40.48	531.23 R	TO BE REMOVED
24	TREES	DEPARTURE	814.80	809.77	5.03	15-73.78	308.80 R	TO BE REMOVED
25	TREES	DEPARTURE	819.80	814.61	5.19	17-47.47	471.39 R	TO BE REMOVED
26	TREES	DEPARTURE	846.30	823.23	4.97	21-23.34	496.51 L	TO BE REMOVED
27	TREES	DEPARTURE	833.80	824.00	6.80	21-45.98	535.87 L	TO BE REMOVED
28	TREES	DEPARTURE	834.50	826.76	7.84	22-53.42	854.77 L	TO BE REMOVED
29	TREES	DEPARTURE	836.00	827.04	8.96	22-64.44	533.88 R	TO BE REMOVED
30	TREES	DEPARTURE	839.60	828.60	11.00	23-27.01	587.35 L	TO BE REMOVED
31	TREES	DEPARTURE	847.40	831.01	16.39	24-25.30	551.91 L	TO BE REMOVED
32	TREES	DEPARTURE	853.60	833.19	24.21	24-38.52	490.11 L	TO BE REMOVED
33	TREES	DEPARTURE	848.40	832.32	16.18	24-71.71	621.44 L	TO BE REMOVED
34	TREES	DEPARTURE	843.50	833.47	10.03	25-21.85	443.51 R	TO BE REMOVED
35	TREES	DEPARTURE	844.80	834.34	10.46	25-56.02	898.14 L	TO BE REMOVED
36	TREES	DEPARTURE	850.50	834.96	1.54	25-81.27	750.04 L	TO BE REMOVED
37	TREES	DEPARTURE	856.90	834.97	21.93	25-48.80	1092.51 R	TO BE REMOVED
38	TREES	DEPARTURE	839.50	836.01	3.89	25-23.20	753.63 L	TO BE REMOVED
39	TREES	DEPARTURE	837.40	836.49	0.91	26-42.69	950.44 L	TO BE REMOVED
40	TREES	DEPARTURE	846.40	836.66	9.54	26-50.75	1306.00 L	TO BE REMOVED
41	TREES	DEPARTURE	841.50	836.89	4.61	26-58.70	1189.52 L	TO BE REMOVED
42	TREES	DEPARTURE	846.20	837.49	11.19	26-56.30	869.80 R	TO BE REMOVED
43	TREES	DEPARTURE	844.40	837.41	0.99	26-92.58	342.20 R	TO BE REMOVED
44	TREES	DEPARTURE	841.40	837.74	3.66	27-27.25	871.34 L	TO BE REMOVED
45	TREES	DEPARTURE	853.00	838.61	14.39	27-45.26	230.26 L	TO BE REMOVED
46	TREES	DEPARTURE	844.40	839.06	5.34	27-88.55	1071.15 L	TO BE REMOVED
47	TREES	DEPARTURE	842.90	840.14	7.24	28-21.66	550.62 R	TO BE REMOVED
48	TREES	DEPARTURE	842.80	840.14	7.38	28-26.22	926.61 L	TO BE REMOVED
49	TREES	DEPARTURE	847.70	841.83	5.77	29-41.80	554.44 L	TO BE REMOVED
50	TREES	DEPARTURE	870.60	843.97	26.63	29-58.63	966.93 R	TO BE REMOVED
51	TREES	DEPARTURE	870.50	844.39	26.11	30-60.88	1156.68 R	TO BE REMOVED
52	TREES	DEPARTURE	875.00	844.45	30.55	30-85.97	80.07 L	TO BE REMOVED
53	TREES	DEPARTURE	864.90	844.56	20.34	30-84.69	870.50 R	TO BE REMOVED
54	TREES	DEPARTURE	853.80	846.29	5.11	31-81.23	877.65 R	TO BE REMOVED
55	TREES	DEPARTURE	873.50	846.96	25.54	31.09.0	890.34 L	TO BE REMOVED
56	TREES	DEPARTURE	866.30	850.17	18.73	33-45.43	677.85 L	TO BE REMOVED
57	TREES	DEPARTURE	873.50	852.71	20.79	33-43.55	768.71 R	TO BE REMOVED
58	TREES	DEPARTURE	869.70	853.24	33-07.96	33-07.96	639.18 R	TO BE REMOVED
59	TREES	DEPARTURE	865.80	855.35	10.45	34-06.06	699.80 L	TO BE REMOVED
60	TREES	DEPARTURE	873.20	856.33	16.87	34-47.96	175.32 L	TO BE REMOVED
61	TREES	DEPARTURE	867.40	857.10	46.78	34-59.20	717.10 R	TO BE REMOVED
62	TREES	DEPARTURE	873.90	856.91	22.09	34-89.57	430.28 L	TO BE REMOVED
63	TREES	DEPARTURE	869.60	857.69	12.24	35-23.32	528.53 L	TO BE REMOVED
64	TREES	DEPARTURE	871.00	858.71	19.90	35-23.68	651.68 R	TO BE REMOVED
65	TREES	DEPARTURE	862.80	858.75	4.05	35-37.31	1108.80 L	TO BE REMOVED
66	TREES	DEPARTURE	857.80	858.86	28.64	37-54.18	649.29 R	TO BE REMOVED
67	TREES	DEPARTURE	878.30	864.28	14.02	38-11.14	1473.61 L	TO BE REMOVED
68	TREES	DEPARTURE	890.80	865.70	25.10	39-21.67	138.96 L	TO BE REMOVED
69	TREES	DEPARTURE	884.10	866.68	20.70	39-59.88	270.87 R	TO BE REMOVED
70	TREES	DEPARTURE	886.40	868.68	26.72	39-59.88	123.28 R	TO BE REMOVED
71	TREES	DEPARTURE	879.50	871.42	8.08	40-56.70	115.20 R	TO BE REMOVED
72	TREES	DEPARTURE	878.70	871.84	2.06	40-64.99	232.65 L	TO BE REMOVED
73	TREES	DEPARTURE	883.00	874.93	8.17	41-00.17	1418.50 L	TO BE REMOVED
74	TREES	DEPARTURE	884.20	875.33	15.55	41-06.84	236.61 R	TO BE REMOVED
75	TREES	DEPARTURE	881.40	877.42	8.02	41-09.07	670.07 R	TO BE REMOVED
76	TREES	DEPARTURE	882.50	876.99	8.31	42-02.52	523.94 L	TO BE REMOVED
77	TREES	DEPARTURE	887.60	879.76	17.84	43-73.28	502.06 R	TO BE REMOVED
78	TREES	DEPARTURE	905.10	880.53	74.57	44-04.73	274.58 R	TO BE REMOVED
79	TREES	DEPARTURE	882.80	880.42	5.38	46-39.75	1734.31 L	TO BE REMOVED
80	TREES	DEPARTURE	886.30	880.68	4.42	48-18.13	1122.35 L	TO BE REMOVED
81	TREES	DEPARTURE	913.10	887.70	70.38	48-18.24	137.50 R	TO BE REMOVED
82	TREES	DEPARTURE	901.70	888.83	9.87	49-26.45	1659.14 R	TO BE REMOVED
83	TREES	DEPARTURE	900.50	886.88	4.62	50-57.00	106.69 R	TO BE REMOVED



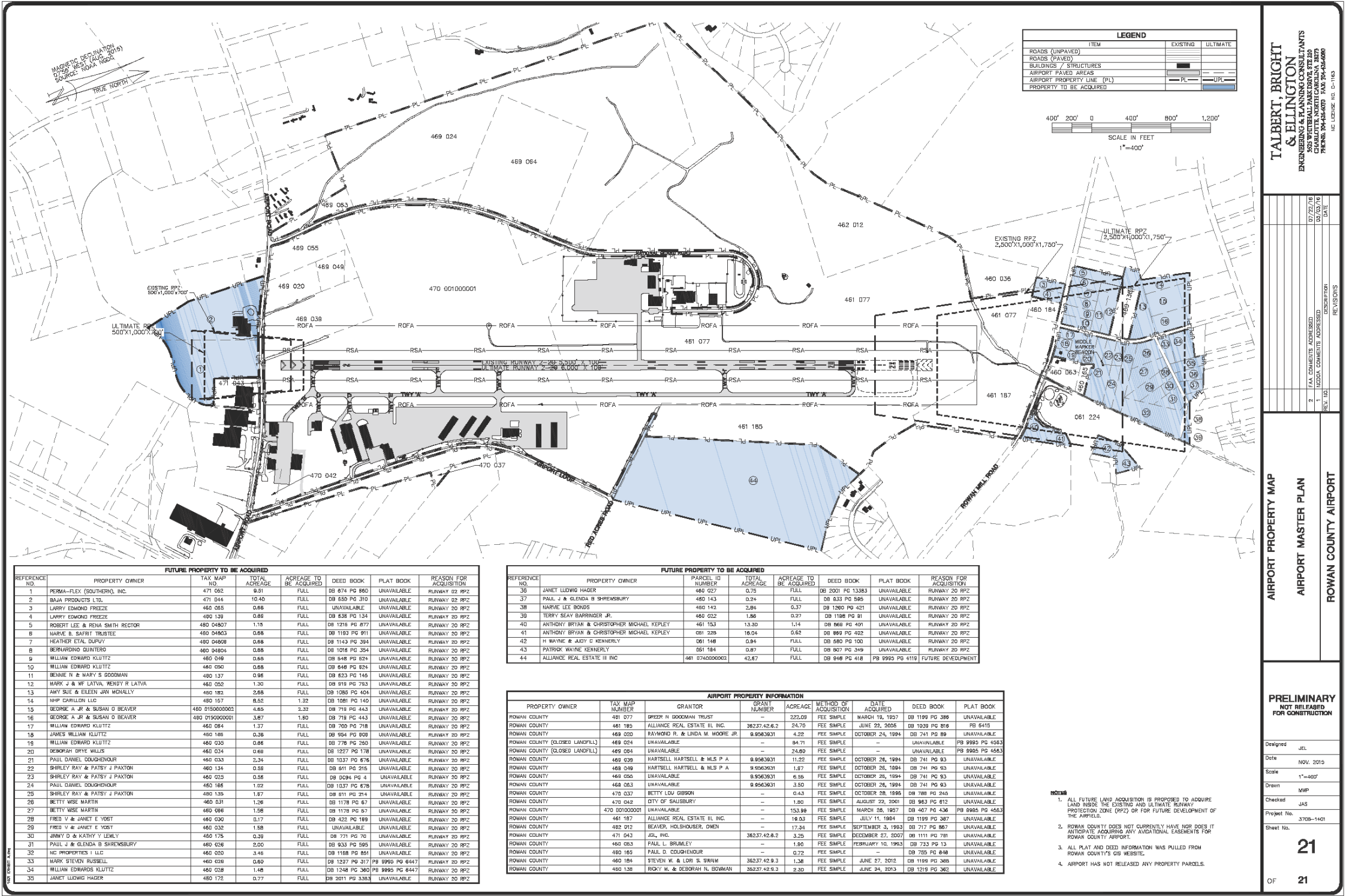
ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION







ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION





ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

5.0 AIRPORT DEVELOPMENT PROGRAM

This section identifies the development cost estimates for each future airport improvement project by stage for the 20-year planning period. Planning estimates of probable construction cost are listed on Table 5.0-1 (Appendix D [pages D-1 through D-30]), as well as a breakdown of potential FAA, state, local, and other funding sources with a funding summary.

Table 5.0-1 Preliminary Opinion of Probable Cost Summary Rowan County Airport			
Description	Total (2015 \$)	Federal	Local
Phase I (0-5 years)			
Runway 20 and Parallel Taxiway Extension - Benefit Cost Analysis/ Environmental Documentation	\$425,000.00	\$382,500.00	\$42,500.00
Runway 20 and Parallel Taxiway Extension (Package 1: Grading and Drainage)	\$20,224,370.00	\$18,201,933.00	\$2,022,437.00
Runway 20 and Parallel Taxiway Extension (Package 2: Paving and Lighting)	\$1,162,420.00	\$1,046,178.00	\$116,242.00
Runway 20 and Parallel Taxiway Extension (Package 3: NAVAIDs and Land Acquisition)	\$2,206,510.00	\$1,985,859.00	\$220,651.00
Runway 02 Threshold Displacement	\$188,600.00	\$169,740.00	\$18,860.00
Land Acquisition - Runway 02 RPZ	\$7,780,400.00	\$7,002,360.00	\$778,040.00
Land Acquisition - Runway 20 RPZ	\$7,295,000.00	\$6,565,500.00	\$729,500.00
Partial Parallel Taxiways (West Side)	\$7,068,590.00	\$6,361,731.00	\$706,859.00
New T-Hangars (3) (North of Existing Apron on East Side)	\$4,824,825.00	\$2,387,632.50	\$2,437,192.50
New Terminal Apron and Taxiway (West Side)	\$10,856,805.00	\$9,771,124.50	\$1,085,680.50
New Terminal Parking and Access Road (West Side)	\$2,612,915.00	\$2,351,623.50	\$261,291.50
New Terminal (West Side)	\$1,823,900.00	\$66,429.00	\$1,757,471.00
Fuel Farm (West Side)	\$2,194,142.50	\$1,974,728.25	\$219,414.25
Corporate Hangars (2) (East Side)	\$2,648,369.50	\$113,179.77	\$2,535,189.73
Corporate Hangars (Adjacent to Old Terminal)	\$2,441,105.00	\$168,468.30	\$2,272,636.70
Subtotal	\$73,752,952.00	\$58,548,986.82	\$15,203,965.18
Phase II (6-10 years)			
5-Unit Box Hangar (Adjacent to Old Terminal)	\$678,500.00	\$94,743.00	\$583,757.00
New T-Hangar (1) (North of Existing Apron on East Side)	\$1,730,175.00	\$831,451.00	\$898,724.00
New Terminal Apron (West Side)	\$7,882,790.00	\$7,094,511.00	\$788,279.00
New Terminal Expansion (West Side)	\$1,977,425.00	\$34,303.50	\$1,943,121.50
Corporate Hangar (Adjacent to Old Terminal)	\$2,408,537.00	\$143,072.82	\$2,265,464.18
Corporate Hangars (2) and Apron (West Side)	\$3,376,342.50	\$807,983.55	\$2,568,358.95
Corporate Hangar Access Roads (West Side)	\$906,545.00	\$815,890.50	\$90,654.50
Subtotal	\$18,960,314.50	\$9,821,955.37	\$9,138,359.13
Phase III (11-20 years)			
New T-Hangars (2) (North of Existing Apron on East Side)	\$4,194,625.00	\$2,393,077.50	\$1,801,547.50
Corporate Hangars (1) (East Side)	\$1,365,452.50	\$88,590.15	\$1,276,862.35



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

Table 5.0-1
Preliminary Opinion of Probable Cost Summary
Rowan County Airport

Description	Total (2015 \$)	Federal	Local
Corporate Hangar (Adjacent to Old Terminal)	\$2,338,381.25	\$174,648.38	\$2,163,732.87
Corporate Hangars (4) and Apron (West Side)	\$7,990,315.00	\$2,630,043.90	\$5,360,271.10
New Terminal Parking Lot Expansion (West Side)	\$1,196,460.00	\$1,076,814.00	\$119,646.00
Old Terminal Parking Lot Expansion (East Side)	\$253,920.00	\$228,528.00	\$25,392.00
Subtotal	\$17,339,153.75	\$6,591,701.93	\$10,747,451.82
Total	\$110,052,420.25	\$74,962,644.12	\$35,089,776.13
Source: Talbert, Bright & Ellington, Inc., October 2015.			

**EXCERPTS FROM ROWAN COUNTY
AIRPORT MASTER PLAN AND RUNWAY
EXTENSION JUSTIFICATION
(CONDITIONALLY APPROVED OCTOBER 2008)**





Appendix A

EXCERPTS FROM ROWAN COUNTY AIRPORT MASTER PLAN AND RUNWAY EXTENSION JUSTIFICATION (Conditionally Approved October 2008)



4.5 RUNWAY REQUIREMENTS

Determination of runway length requirements is dictated by FAA *Advisory Circular 150/5325-4B – Runway Length Requirements for Airport Design*. Use of these guidelines is mandatory for federal funding.

Various factors govern the suitability of available runway lengths, most notably airport elevation above mean sea level, temperature, wind velocity, airplane operating weights, takeoff and landing flap settings, runway surface condition (dry or wet), effective runway gradient, presence of obstructions in the vicinity of the airport, and, if any, locally imposed noise abatement restrictions or other prohibitions. It is the goal, considering the above factors, to construct an available runway length suitable for the existing and forecasted critical design airplanes. The critical design airplanes are required to have a substantial use of a selected runway. This substantial use is defined as at least 500 or more of annual itinerant operations for an individual airplane or a family grouping of airplanes.

4.5.1 Procedure for Runway Length Determination

The determination of the appropriate Rowan County runway length utilizes Chapter 3 of FAA *Advisory Circular 150/5325-4B – Runway Length Requirements for Airport Design*, i.e., “Runway Lengths For Airplanes Within A Maximum Certificated Takeoff Weight Of More Than 12,500 Pounds (5,670 KG) Up To And Including 60,000 Pounds (27,200 KG)”.

The recommended runway length for this weight category of airplanes is based on performance curves (FAA Figures 3-1 and 3-2) developed from FAA-approved airplane flight manuals. To determine which of the performance curves to apply, Tables 4.5.1-1 and 4.5.1-2 (page 51) outline the critical aircraft previously identified, as well as the mix of aircraft shown by IFR operations for January 2000 through July 2007.

Table 4.5.1-1			
Airplanes that Make Up 75 Percent of the Fleet			
Rowan County Airport			
Manufacturer	Model	Manufacturer	Model
Aerospatiale	Sn-601 Corvette	Dassault	Falcon 10
Bae	125-700	Dassault	Falcon 20
Beech Jet	400A	Dassault	Falcon 50/50 EX
Beech Jet	Premier I	Dassault	Falcon 900/900B
Beech Jet	2000 Starship	Israel Aircraft Industries (IAI)	Jet Commander 1121
Bombardier	Challenger 300	IAI	Westwind 1123/1124
Cessna	500 Citation/501Citation Sp	Learjet	20 Series
Cessna	Citation I/II/III	Learjet	31/31A/31A ER
Cessna	525A Citation II (CJ-2)	Learjet	35/35A/36/36A
Cessna	550 Citation Bravo	Learjet	40/45
Cessna	550 Citation II	Mitsubishi	Mu-300 Diamond



Table 4.5.1-1
Airplanes that Make Up 75 Percent of the Fleet
Rowan County Airport

Manufacturer	Model	Manufacturer	Model
Cessna	551 Citation II/Special	Raytheon	390 Premier
Cessna	552 Citation	Raytheon Hawker	400/400 XP
Cessna	560 Citation Encore	Raytheon Hawker	600
Cessna	560/560 XL Citation Excel	Sabreliner	40/60
Cessna	560 Citation V Ultra	Sabreliner	75A
Cessna	650 Citation VII	Sabreliner	80
Cessna	680 Citation Sovereign	Sabreliner	T-39

Source: FAA Advisory Circular 150/5325-4B – Runway Length Requirements for Airport Design (July 1, 2005) – Table 3-1, page 14

Table 4.5.1-2
Remaining 25 Percent of Airplanes
that Make Up 100 Percent of Fleet
Rowan County Airport

Manufacturer	Model
Bae	Corporate 800/1000
Bombardier	600 Challenger
Bombardier	601/601-3A/3ER Challenger
Bombardier	604 Challenger
Bombardier	BD-100 Continental
Cessna	S550 Citation S/II
Cessna	650 Citation III/IV
Cessna	750 Citation X
Dassault	Falcon 900C/900EX
Dassault	Falcon 2000/2000EX
Israel Aircraft Industries (IAI)	Astra 1125
IAI	Galaxy 1126
Learjet	45 XR
Learjet	55/55B/55C
Learjet	60
Raytheon/Hawker	Horizon
Raytheon/Hawker	800/800 XP
Raytheon/Hawker	1000
Sabreliner	65/75

Note:

Airplanes in Tables 4.5.1-1 (page 50) and 4.5.1-2 combine to comprise 100 percent of the fleet

Source: FAA Advisory Circular 150/5325-4B – Runway Length Requirements for Airport Design (July 1, 2005) – Table 3-2, page 15



Review of Tables 4.5.1-1 (page 50) and 4.5.1-2 and cross inspection of IFR operations (Table 4.3.2.1-2, page 44) reveals the following shown on Table 4.5.1-3 (page 52).

Table 4.5.1-3 Selected Summary of Aircraft Operations Rowan County Airport Table 4.3.2.1-2 (page 44)							
2007 (7 months) IFR Operations				2006 IFR Operations			
On Table 4.5.1-1		On Table 4.5.1-2		On Table 4.5.1-1		On Table 4.5.1-2	
Beechjet 400	42	C750 X6	6	Beechjet 400	48	CL 60	8
C525 CJ-1	29	CL 60	4	C525 CJ-1	22	C750 X6	4
C 550 Bravo	21	Falcon 900	4	C550 Bravo	24	Learjet 60	10
C 560 Encore	56	Sub Total	14	C56X Excel	1,225	Astra	6
C56X Excel	657	All Operations	16	C560 Encore	86	Sub Total	28
H25B Hawker	19			C-650 Citation VI	49	All Operations	30
Sub Total	824			Learjet 31	39		
All Operations	884			Learjet 45	36		
				Sub Total	1,529		
				All Operations	1,648		
Source: Talbert & Bright Inc. (April 2008)							

4.5.2 Runway Length Measurement

As shown in Table 4.5.1-3, substantial operations of itinerant turbofan aircraft frequent the Rowan County Airport to justify usage of Table 4.5.1-1 (page 50) in the determination of appropriate runway length. The corresponding runway length graphs are found in Figure 4.5.2-1 (page 53). In Figure 4.5.2-1 (page 53) two options are provided; i.e., 75 percent of fleet at 60 percent useful load or 75 percent of fleet at 90 percent load. The 90 percent load graph has been selected based on the fact that the majority of the C56X Excel flights (1,225 in 2006) from the Rowan County Airport are conducted by the Food Lion Citations based at the Airport. This runway user has dedicated fuel supplies at the Airport, which encourages this user to fill airplane tanks to the maximum for cost saving reasons. Runway length measurement calculations for 75 percent of the fleet at both 60 percent load and 90 percent load are shown in Table 4.5.2-1.



Table 4.5.2-1
Calculations for 75 Percent of Fleet
Rowan County Airport

60 Percent Useful Load		90 Percent Useful Load	
Measurement	4,700'	Measurement	6,200'
15% adjustment*	705'	15% adjustment*	930'
Runway Length	5,405'	Runway Length	7,130'

Input variables: 1) 82°F mean daily temperature hottest month
2) airport elevation 773'

*15% adjustment is for wet runway conditions

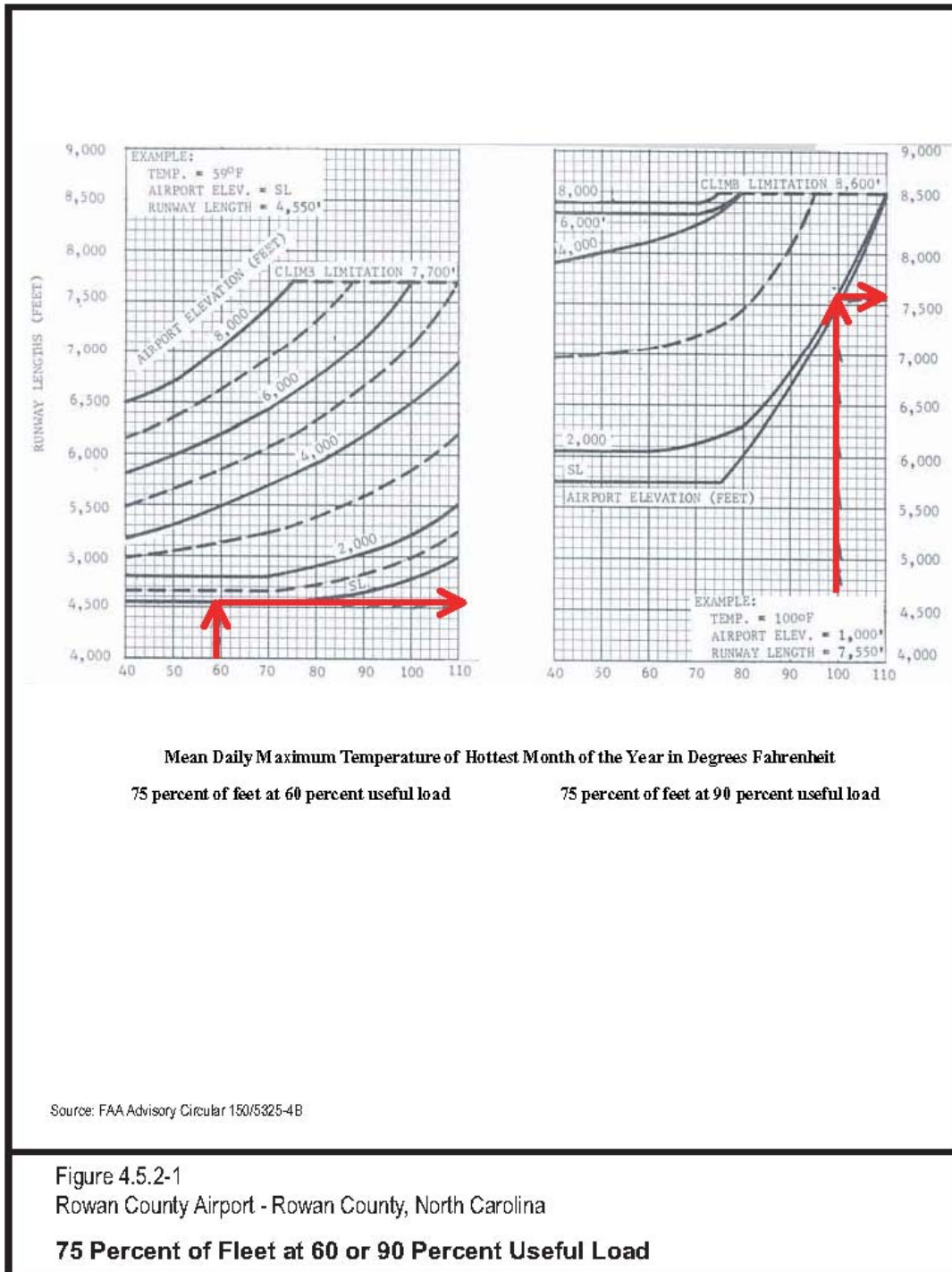
Source: Talbert & Bright, Inc. (April 2008)

Based on the runway lengths generated, it has been determined that the minimum runway length for the Rowan County Airport should be between 6,300 feet and 7,130 feet. Looking ahead to possible future runway length needs, the runway graphs for 100 percent of the fleet are presented (Figure 4.5.2-2, page 55). It should be noted from these graphs that the minimum runway length suggested is 6,095 feet at 60 percent useful load. This length assumes adjustment for wet runway conditions.

Previous analyses have shown the construction feasibility for a 6,500-foot runway. Given the existing Phase I need for a longer runway and the potential demand from higher performance aircraft, it has been determined that a runway length of 6,500 feet is appropriate for Phase I development at Rowan County Airport.

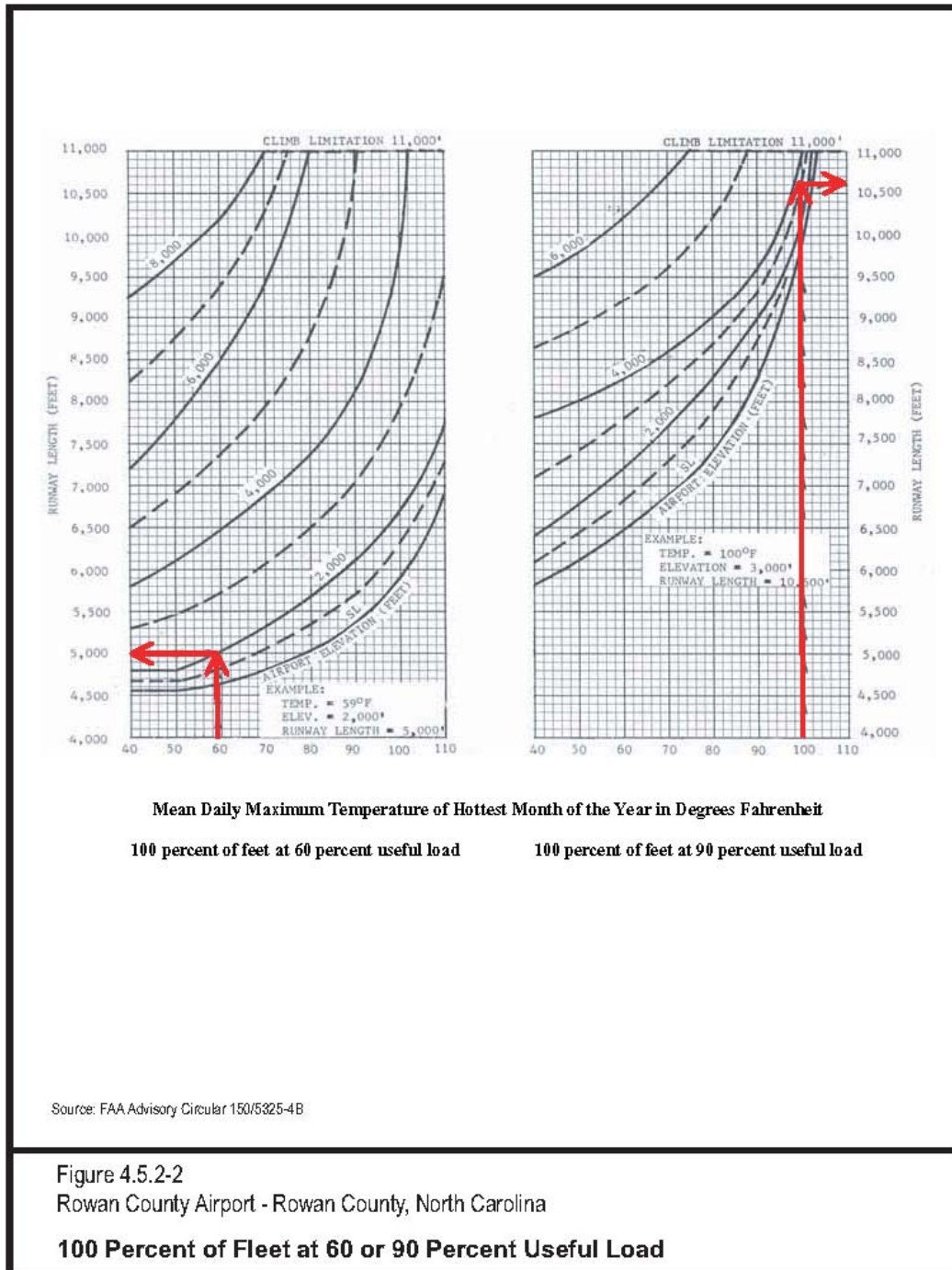


ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION





ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION





6.0 RUNWAY 02/20 EXTENSION ALTERNATIVES ANALYSIS

In 2003, Rowan County determined that because of the continued increase in aircraft operations, along with the need to upgrade the facility to meet FAA regulations, airfield improvement projects were vital to the safe and efficient operation of the facility. The improvements included a 1,000-foot extension to the existing 5,500-foot runway, an upgraded runway safety area (RSA) to Runway 02, and taxiway lighting. In addition, the extension of Runway 02-20 and upgrade of the Runway 02 RSA to meet current FAA regulations would result in the relocation of Airport Road; therefore requiring the acquisition of several properties.

Due to physical and economical constraints of the surrounding area, the project would consist of one of the following three options:

- 500-foot extension to the north (Runway 20) and 500-foot extension to the south (Runway 02)
- 1,000-foot extension to the south (Runway 02)
- 1,000-foot extension to the north (Runway 20)

6.1 Option 1 – 500-foot Extension to Runway 20 (north) and 500-foot Extension to Runway 02 (south)

Option 1 consists of extending Runway 02/20 by 500 feet on either end for an overall 1,000-foot extension (Figure 6.1-1, page 26). Extending the runway to the north would require a substantial amount of fill material be placed for achieving proper grades for the runway and surrounding slopes. In addition, adjacent land to the northeast and northwest of the runway, which would be in the RPZ, is recommended to be acquired through fee simple purchase. This land abuts Rowan Mills Road to the north of the runway. Extending the runway to the south would require the acquisition of several commercial/industrial businesses through fee simple purchase.

Table 6.1-1 (page 27) illustrates the estimated cost probable cost for the runway extension in 2003.



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION





Table 6.1-1
Preliminary Opinion of Probable Cost
500-foot Runway 02/20 and Parallel Taxiway Extension (Both Ends)
Rowan County Airport

Spec. No.	Description	Quantity	Unit	Unit Price	Total
P-150	Mobilization (Shall Not Exceed 3%)	1	LS	\$156,000.00	\$156,000.00
P-151	Clearing And Grubbing Project Area	8	AC	\$5,000.00	\$40,000.00
P-152	Embankment In Place	1,100,000	CY	\$4.00	\$4,400,000.00
P-156	Miscellaneous Erosion Control	1	LS	\$15,000.00	\$15,000.00
P-209	Crushed Aggregate Base Course	3,000	CY	\$27.00	\$81,000.00
P-401	Bituminous Concrete Surface Course	2,300	TN	\$42.00	\$96,600.00
P-602	Bituminous Prime Coat	3,000	GAL	\$1.50	\$4,500.00
P-603	Bituminous Tack Coat	1,000	GAL	\$1.50	\$1,500.00
P-620	Airfield Pavement Marking	40,000	SF	\$1.00	\$40,000.00
D-701	Miscellaneous Storm Drainage	1	LS	\$60,000.00	\$60,000.00
T-901	Seeding	32	AC	\$800.00	\$25,600.00
T-908	Mulching	32	AC	\$500.00	\$16,000.00
L-108	Miscellaneous Electrical	1	LS	\$25,000.00	\$25,000.00
L-125	L-862 HIRL's	6	EA	\$620.00	\$3,720.00
L-125	L-862-E HIRL's Threshold	8	EA	\$750.00	\$6,000.00
L-125	L-861t MITL's	21	EA	\$600.00	\$12,600.00
L-125	PAPI Relocation	1	LS	\$12,000.00	\$12,000.00
L-125	Glide Slope Relocation	1	LS	\$150,000.00	\$150,000.00
L-125	Middle Marker Relocation	1	LS	\$85,000.00	\$85,000.00
L-125	MALSR Relocation	1	LS	\$100,000.00	\$100,000.00
L-125	Relocate Threshold Lights	1	LS	\$30,000.00	\$30,000.00
L-127	Electrical Manholes	4	EA	\$5,000.00	\$20,000.00
	Contingency (5%)	1	EA	\$269,000.00	\$269,000.00
Construction Total:					\$5,649,520.00
Engineering, Construction Administration, RPR, Testing (15%):					\$847,430.00
Total (2003 \$):					\$6,496,950.00
Source: Talbert & Bright, Inc. (January 2003)					

6.2 Option 2 – 1,000-foot Extension to Runway 02 (south)

Option 2 consists of extending Runway 02 by 1,000 feet (Figure 6.2-1, page 28). Elements of this extension are complex due to the presence of infrastructure including a railroad spur and existing commercial/industrial business. Several parcels of land that would be within the newly established runway safety area (RSA) and RPZ would have to be acquired through fee simple purchase to accommodate this improvement.

Table 6.2-1 (page 29) illustrates the estimated cost probable cost for the runway extension in 2003.



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

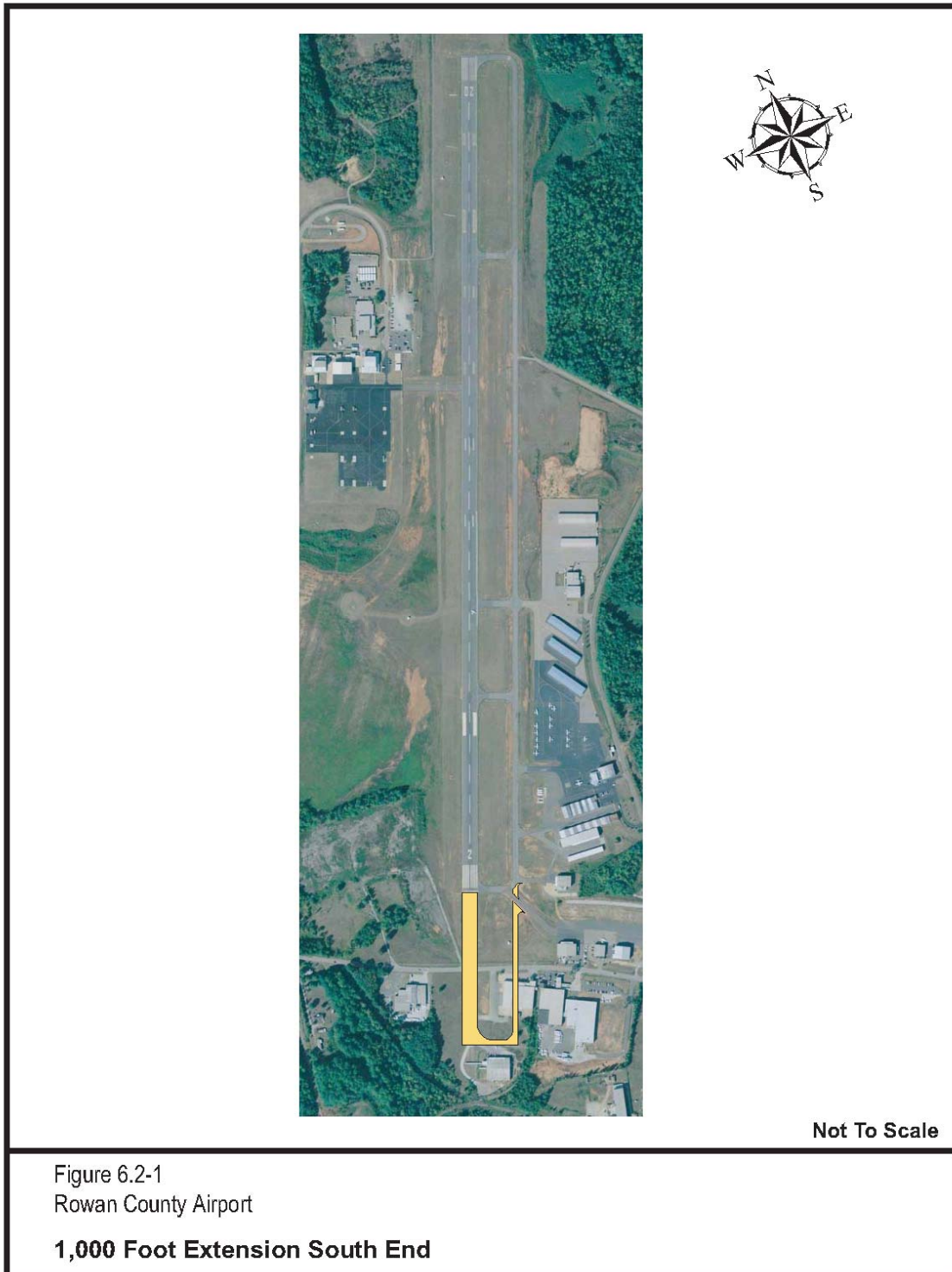




Table 6.2-1
Preliminary Opinion of Probable Cost
1,000-foot Runway 02 and Parallel Taxiway Extension (South End)
Rowan County Airport

Spec. No.	Description	Quantity	Unit	Unit Price	Total
P-150	Mobilization (Shall Not Exceed 3%)	1	LS	\$90,000.00	\$90,000.00
P-151	Clearing And Grubbing Project Area	5	AC	\$4,000.00	\$20,000.00
P-152	Embankment In Place	300,000	CY	\$7.00	\$2,100,000.00
P-156	Miscellaneous Erosion Control	1	LS	\$40,000.00	\$40,000.00
REP	Remove Existing Pavement (not including Airport Road)	7,000	SY	\$8.00	\$56,000.00
REP	Remove Existing Railroad	3,600	LF	\$12.00	\$43,200.00
P-209	Crushed Aggregate Base Course	5,500	CY	\$27.00	\$148,500.00
P-401	Bituminous Concrete Surface Course	4,100	TN	\$42.00	\$172,200.00
P-602	Bituminous Prime Coat	5,400	GAL	\$1.50	\$8,100.00
P-603	Bituminous Tack Coat	1,800	GAL	\$1.50	\$2,700.00
P-620	Airfield Pavement Marking	45,000	SF	\$1.00	\$45,000.00
D-701	Miscellaneous Storm Drainage	1	LS	\$150,000.00	\$150,000.00
T-901	Seeding	25	AC	\$1,000.00	\$25,000.00
T-908	Mulching	25	AC	\$800.00	\$20,000.00
L-108	Miscellaneous Electrical	1	LS	\$50,000.00	\$50,000.00
L-125	L-862 MIRL's	12	EA	\$620.00	\$7,440.00
L-125	L-862-E MIRL's Threshold	8	EA	\$750.00	\$6,000.00
L-125	L-861t MITL's	42	EA	\$600.00	\$25,200.00
L-125	PAPI Relocation	1	LS	\$12,000.00	\$12,000.00
L-125	Localizer Relocation	1	LS	\$50,000.00	\$50,000.00
L-127	Electrical Manholes	8	EA	\$5,000.00	\$40,000.00
	Contingency (10%)	1	LS	\$311,000.00	\$311,000.00
Construction Total:					\$3,422,340.00
Engineering, Construction Administration, RPR, Testing (15%):					\$328,545.00
Total (2003 \$):					\$3,750,885.00

Source: Talbert & Bright, Inc. (January 2003)

6.3 Option 3 – 1,000-foot Extension to Runway 20 (north)

Option 3 consists of extending Runway 20 by 1,000 feet (Figure 6.3-1, page 30). Extending the runway to the north would require a significant amount of fill material be placed for achieving proper grades for the runway and surrounding slopes. In addition, adjacent land to the northeast and northwest of the runway, which would be in the RPZ, is recommended to be acquired through fee simple purchase. This land abuts Rowan Mills Road to the north of the runway.

Table 6.3-1 (page 31) illustrates the estimated cost probable cost for the runway extension in 2003.



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

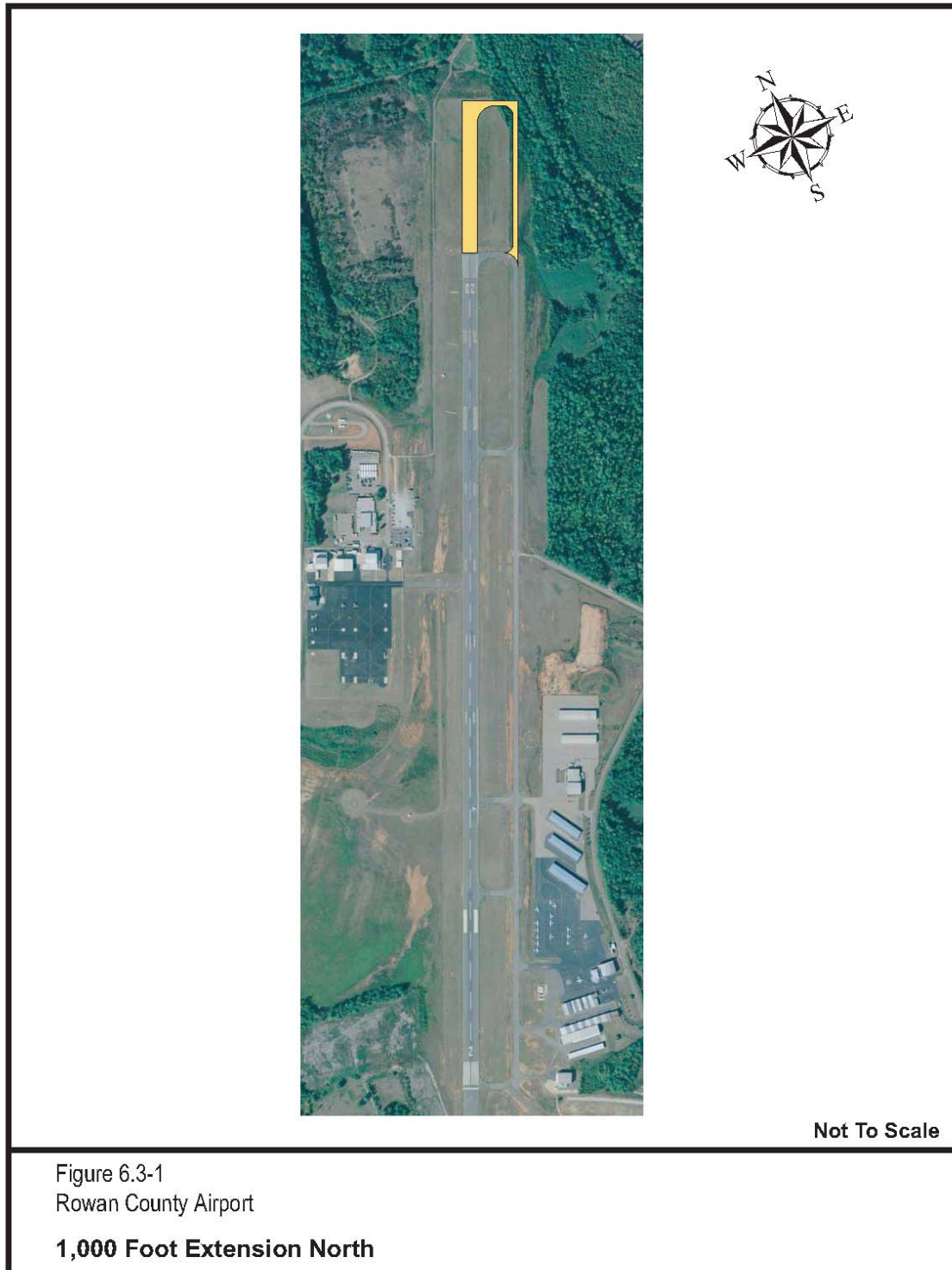




Table 6.3-1
Preliminary Opinion of Probable Cost
1,000-foot Runway 20 and Parallel Taxiway Extension (North End)
Rowan County Airport

Spec. No.	Description	Quantity	Unit	Unit Price	Total
P-150	Mobilization	1	LS	\$519,000.00	\$519,000.00
P-151	Clearing and Grubbing Project Area	20	AC	\$5,000.00	\$100,000.00
P-152	Embankment in Place	2,000,000	CY	\$8.00	\$16,000,000.00
P-156	Miscellaneous Erosion Control	1	LS	\$65,000.00	\$65,000.00
P-209	Crushed Aggregate Base Course	8,000	CY	\$27.00	\$216,000.00
P-401	Bituminous Concrete Surface Course	4,200	TN	\$42.00	\$176,400.00
P-602	Bituminous Prime Coat	5,500	GAL	\$1.50	\$8,250.00
P-603	Bituminous Tack Coat	1,800	GAL	\$1.50	\$2,700.00
P-620	Airfield Pavement Marking	50,000	SF	\$1.00	\$50,000.00
D-701	Miscellaneous Storm Drainage	1	LS	\$300,000.00	\$300,000.00
T-901	Seeding	45	AC	\$800.00	\$36,000.00
T-908	Mulching	45	AC	\$500.00	\$22,500.00
L-108	Miscellaneous Electrical	1	LS	\$50,000.00	\$50,000.00
L-125	L-862 HIRL'S	12	EA	\$500.00	\$6,000.00
L-125	L-862-E HIRL'S Threshold	8	EA	\$500.00	\$4,000.00
L-125	L-861T MITL'S	45	EA	\$450.00	\$20,250.00
L-125	PAPI Relocation	1	LS	\$12,000.00	\$12,000.00
L-125	Middle Marker Relocation	1	LS	\$85,000.00	\$85,000.00
L-125	MALSR Relocation	1	LS	\$100,000.00	\$100,000.00
L-125	Relocate Threshold Lights	1	LS	\$30,000.00	\$30,000.00
L-127	Electrical Manholes	4	EA	\$5,000.00	\$20,000.00
	Contingency (10%)	1	EA	\$1,782,000.00	\$1,782,000.00
Construction Total:					\$19,605,100.00
Engineering, Construction Administration, RPR, Testing (15%):					\$2,940,770.00
Total (2003 \$):					\$22,545,870.00
Source: Talbert & Bright, Inc. (January 2003)					

INSTRUMENT FLIGHT RULE (IFR) DATA

B





Appendix B

INSTRUMENT FLIGHT RULE (IFR) DATA



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

Single-Engine Piston Aircraft		
FAA Aircraft ID	Manufacturer	Model
A28A	Cessna	172RG Skyhawk
AA1	Grumman	AA1 Yankee
AA5	Grumman	AA5 Tiger
AA5A	Grumman	AA5A Cheetah
AA5B	Grumman	AA5B Tiger
AC11	Rockwell	AC-11 Commander
AC12	Rockwell	AC-12 Commander
AC14	Rockwell	114 Commander
AC23	Beechcraft	23
B36	Beechcraft	36 Bonanza
BE19	Beechcraft	19 Musketeer
BE23	Beechcraft	23 Musketeer
BE24	Beechcraft	24 Musketeer
BE33	Beechcraft	33 Debonair
BE35	Beechcraft	35 Bonanza
BE36	Beechcraft	36 Bonanza
BL17	Bellanca	17 Viking
BL8	Bellanca	8 Decathlon
C10T	Cessna	210T Centurion
C150	Cessna	150
C152	Cessna	152
C172	Cessna	172 Skyhawk
C177	Cessna	177 Cardinal
C180	Cessna	180 Skywagon
C182	Cessna	182 Skylane
C185	Cessna	185 Skywagon
C195	Cessna	195
C205	Cessna	205 Super Skywagon
C206	Cessna	206 Stationair
C207	Cessna	207 Skywagon
C210	Cessna	210 Centurion
C72R	Cessna	172R Skyhawk
C77R	Cessna	177 Cardinal
C82	Cessna	182 Skylane
C82R	Cessna	182R Skylane
C82T	Cessna	182T Skylane
CH2T	Zenair	CH2T
COL3	Cirrus	SR22
COL4	Cessna	172S Skyhawk
COUR	Helio	H-295 Courier
DA40	Diamond	DA40 Katana
E400	Extra	E400
F33A	Beechcraft	F33A Bonanza
F8L	Aviamilano	F-8L Falco
FDCT	Flight Design	CTSW
GA8	Gippsland	GA8 Airvan
GC1	Globe	GC-1 Swift
GLAS	Glasair	III
HUSK	Aviat	A-1 Husky
HXB	Experimental Aircraft	Cruise IAS > 100 and < 201 Kt.



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

Single-Engine Piston Aircraft		
FAA Aircraft ID	Manufacturer	Model
HXP	Zenith Aircraft	CH 601XL
LA25	Lake Aircraft	LA-250
LA4	Lake	LA-4 Buccaneer
LA25	Lake	LA-250 Renegade
LANC	Lancair	IV
LC42	Columbia	400
LEG2	Lancair	Legacy
LGEZ	Rutan	Long-EZ
LNC2	Lancair	200
LNC4	Lancair	4
LNCE	Lancair	Super ES
M020	Mooney	M20
M20	Mooney	M20
M20A	Mooney	M20A
M20C	Mooney	M20C
M20F	Mooney	M20F
M20J	Mooney	M20J
M20K	Mooney	M20K
M20M	Mooney	M20M Bravo
M20P	Mooney	M20P
M20R	Mooney	M20R Ovation
M20T	Mooney	M20T Acclaim
M22	Mooney	M22 Mustang
M5	Maule	M5
M7	Maule	M7
MO20	Mooney	M20F
MO21	Pegasus	503 Sport
MO2C	Mooney	M20C
MO2P	Mooney	M20P
NAV	Ryan	L-17 Navion
NAV1	Ryan	L-17 Navion
P210	Cessna	P210 Centurion
P28	Piper	PA-28 Cherokee
P28A	Piper	PA-28A Cherokee
P28B	Piper	PA-28B Dakota
P28P	Piper	PA-28B Dakota
P28R	Piper	PA-28R Cherokee Arrow
P28T	Piper	PA-28T
P32	Piper	PA-32A Cherokee Six
P32A	Piper	PA-32A Cherokee Six
P32R	Piper	PA-32R Lance
P32T	Piper	PA-32T Lance
P46T	Piper	PA-46T Malibu Meridian
PA2	Piper	PA-2 Super Cruiser
PA22	Piper	PA-22 Tri-Pacer
PA24	Piper	PA-24 Comanche
PA28	Piper	PA-28 Cherokee
PA2T	Piper	PA-2T Archer II
PA32	Piper	PA-32 Saratoga
PA46	Piper	PA-46 Malibu



Appendix B

Instrument Flight Rule (IFR) Data



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

Multi-Engine Piston Aircraft		
FAA Aircraft ID	Manufacturer	Model
AC50	Rockwell	500 Commander
AC6L	Rockwell	680FL Commander
AEST	Piper	AP-60 Aerostar
BE18	Beechcraft	18
BE50	Beechcraft	50 Twin Bonanza
BE55	Beechcraft	E55 Baron
BE56	Beechcraft	56 Baron
BE58	Beechcraft	58 Baron
BE60	Beechcraft	58P Baron
BE65	Beechcraft	65 Queen Air
BE76	Beechcraft	76 Duchess
BE95	Beechcraft	95 Travel Air
BE99	Beechcraft	99 Airliner
C303	Cessna	303 Crusader
C310	Cessna	310
C320	Cessna	320 Skynight
C335	Cessna	335
C337	Cessna	337 Skymaster
C340	Cessna	340
C401	Cessna	401
C402	Cessna	402 Utililiner
C404	Cessna	404 Titan
C414	Cessna	414
C421	Cessna	421 Golden Eagle
CE25	Chernov	Che-25
DA42	Diamond	DA-42 Twin Star
DEF1	Britten-Norman	Defender
GA7	Grumman	GA-7 Cougar
P34	Piper	PA-34 Seneca
P44	Piper	PA-44 Seminole
P68	Partenavia	P68 Observer
PA23	Piper	PA-23 Appache/Aztec
PA27	Piper	PA-27 Aztec
PA30	Piper	PA-30 Twin Comanche
PA31	Piper	PA-31 Chieftain
PA34	Piper	PA-34 Seneca
PA39	Piper	PA-39 Twin Comanche
PA43	Piper	PA-43 Seminole
PA44	Piper	PA-44 Seminole
PA58	Piper	PA-60 Aerostar
PA60	Piper	PA-60 Aerostar
PASE	Piper	PA-34 Seneca
T303	Cessna	T303 Crusader



ROWAN COUNTY AIRPORT

AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

Turboprop Aircraft		
FAA Aircraft ID	Manufacturer	Model
AC43	Rockwell	Turbo Commander
AC80	Rockwell	680 Turbo Commander
AC90	Rockwell	690 Turbo Commander
AC95	Rockwell	695 Jetprop Commander
AN12	Antonov	AN12
AN24	Antonov	AN24
AT42	Alenia	ATR-42
AT43	Alenia	ATR-42-300
AT72	Alenia	ATR-72
ATR4	Alenia	ATR-42
B10	Beechcraft	B200 King Air
B190	Beechcraft	1900
B200	Beechcraft	B200 King Air
B300	Beechcraft	B300 King Air
B350	Beechcraft	B350 King Air
B36T	Beechcraft	36 Turbine Bonanza
B90	Beechcraft	B90 King Air
B9L	Beechcraft	C90 King Air
BE3L	Beechcraft	B300 King Air
BE10	Mitsubishi	MU-2 Marquis
BE20	Beechcraft	B200 King Air
BE30	Beechcraft	B300 Super King Air
BE9	Beechcraft	B90 King Air
BE90	Beechcraft	B90 King Air
BE9L	Beechcraft	C90 King Air
BE9T	Beechcraft	F90 King Air
BL9	Beechcraft	B200 King Air
C130	Lockheed	C-130 Hercules
C2	Grumman	C-2 Greyhound
C208	Cessna	208 Caravan
C212	Casa	212 Aviocar
C425	Piper	PA-31 Navajo
C441	Cessna	441 Conquest
CA12	Comp Air	CA-12
CN35	Casa	CN-235
CV58	Convair	CV-580
CVLT	Convair	CV-580
D328	Dornier	DO-328
DH8A	DeHavilland (Bombardier)	DH8A Dash 8
DH8B	DeHavilland (Bombardier)	DH8A Dash 8
DH8C	DeHavilland (Bombardier)	DH8A Dash 8
DHC6	DeHavilland (Bombardier)	DHC-6 Twin Otter
DO28	Dornier	DO-228
DO32	Dornier	DO-328
E110	Embraer	EMB-110 Bandeirante
E120	Embraer	EMB-120 Brasilia
E2	Grumman	E-2 Hawkeye
E2C	Grumman	E-2C Hawkeye
F27	Fairchild	F-27 Freindship
F406	Reims	F-406



Appendix B

Instrument Flight Rule (IFR) Data



ROWAN COUNTY AIRPORT

AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

Jet Aircraft		
FAA Aircraft ID	Manufacturer	Model
A10	Fairchild-Republic	A-10
A124	Antonov	AN-124 Ruslan
A225	Antonov	AN-225 Mriya
A306	Airbus	A300
A310	Airbus	A310
A318	Airbus	A318
A319	Airbus	A319
A320	Airbus	A320
A321	Airbus	A321
AGEN	unknown	unknown
AS65	Hawker Beechcraft	Beechjet 400A
ASTR	Astra	SPX
B230	Boeing	707-300
B703	Boeing	707-300
B712	Boeing	717-200
B721	Boeing	727-100
B722	Boeing	727-200
B72Q	Boeing	727-100(QF)
B732	Boeing	737-200
B733	Boeing	737-300
B734	Boeing	737-400
B735	Boeing	737-500
B737	Boeing	737-700
B738	Boeing	737-800
B73Q	Boeing	737-200
B741	Boeing	747-100
B742	Boeing	747-200
B743	Boeing	747-300
B744	Boeing	747-400
B747	Boeing	747-200
B752	Boeing	757-200
B753	Boeing	757-300
B762	Boeing	767-200
B763	Boeing	767-300
BE40	Hawker Beechcraft	Beechjet 400
C17	McDonnell Douglas (Boeing)	C-17
C21	Bombardier (Learjet)	35A
C25A	Cessna	CitationJet CJ2
C25B	Cessna	CitationJet CJ3
C40	Boeing	737-700
C500	Cessna	Citation 1
C501	Cessna	Citation 1-SP
C510	Cessna	Citation Mustang
C525	Cessna	CitationJet CJ1
C526	Cessna	CitationJet CJ1
C550	Cessna	Citation 2 Bravo
C551	Cessna	Citation 2-SP
C560	Cessna	Citation 5 Ultra
C56X	Cessna	Citation Excel
C650	Cessna	Citation 3/6/7



ROWAN COUNTY AIRPORT

AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

Jet Aircraft		
FAA Aircraft ID	Manufacturer	Model
C680	Cessna	Citation Sovereign
C722	unknown	unknown
C750	Cessna	Citation X
CARJ	Bombardier (Canadair)	CRJ-200
CH35	unknown	unknown
CL30	Bombardier (Canadair)	Challenger 300
CL60	Bombardier (Canadair)	Challenger 600
CL6T	unknown	unknown
CRG2	Bombardier (Canadair)	CRJ-200
CRJ	Bombardier (Canadair)	Regional Jet
CRJ1	Bombardier (Canadair)	CRJ-100
CRJ2	Bombardier (Canadair)	CRJ-200
CRJ7	Bombardier (Canadair)	CRJ-700
CRJ9	Bombardier (Canadair)	CRJ-900
CRL2	Bombardier (Canadair)	CRJ-200
DC10	Douglas	DC-10
DC86	Douglas	DC-8-60
DC87	Douglas	DC-8-70
DC9	Douglas	DC-9
DC91	Douglas	DC-10
DC93	Douglas	DC-9-30
DC94	Douglas	DC-9-40
DC95	Douglas	DC-9-50
DC9Q	Douglas	DC-9-30
DV20	unknown	unknown
E135	Embraer	ERJ-135
E145	Embraer	ERJ-145
E170	Embraer	ERJ-170
E175	Embraer	ERJ-175
E45X	Embraer	ERJ-145 XR
E6	Boeing	707-320
EA50	Eclipse	500
EA6	Grumman	EA-6B Prowler
F15	McDonnell Douglas (Boeing)	F-15 Eagle
F16	General Dynamics (Lockheed Martin)	F-16 Fighting Falcon
F18	McDonnell Douglas (Boeing)	F/A-18 Hornet
F260	Dassault	Falcon 2000
F2TH	Dassault	Falcon 2000
F900	Dassault	Falcon 900
FA10	Dassault	Falcon 10
FA18	McDonnell Douglas (Boeing)	F/A-18 Hornet
FA20	Dassault	Falcon 20
FA2O	Dassault	Falcon 20
FA50	Dassault	Falcon 50
FA90	Dassault	Falcon 900
G150	Gulfstream	G150
G159	Gulfstream	G150
G2	Gulfstream	G-II
G200	Gulfstream	G200
G4	Gulfstream	G-IV



ROWAN COUNTY AIRPORT

AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

Jet Aircraft		
FAA Aircraft ID	Manufacturer	Model
G400	Gulfstream	G-IV
G5	Gulfstream	G-V
GALX	Gulfstream	G200
GL4	Gulfstream	G-IV
GL5T	Bombardier	Global Express 5000
GLAX	Gulfstream	G200
GLEX	Bombardier	Global Express
GLF2	Gulfstream	G-II
GLF3	Gulfstream	G-III
GLF4	Gulfstream	G-IV
GLF5	Gulfstream	G-V
GLX	Bombardier	Global Express
H25	Hawker Siddeley	HS25
H25A	Hawker Siddeley	HS25A
H25B	Hawker Siddeley	HS25B
H25C	Hawker Siddeley	HS25C
HAR	McDonnell Douglas	AV-8B Harrier
HS25	Hawker Siddeley	HS25A
J328	Dornier	Do-328 Jet
JET	Generic Jet	Generic Jet
K35R	Boeing	KC-135R Stratotanker
L29B	Aero	L-29 Delfin
L39	Aero	L-39 Albatros
LGE2	Bombardier (Learjet)	24
LJ24	Bombardier (Learjet)	24
LJ25	Bombardier (Learjet)	25
LJ31	Bombardier (Learjet)	31
LJ35	Bombardier (Learjet)	35
LJ40	Bombardier (Learjet)	40
LJ45	Bombardier (Learjet)	45
LJ55	Bombardier (Learjet)	55
LJ60	Bombardier (Learjet)	60
LR25	Bombardier (Learjet)	25
LR35	Bombardier (Learjet)	35
LR40	Bombardier (Learjet)	40
LR45	Bombardier (Learjet)	45
LR60	Bombardier (Learjet)	60
MD11	McDonnell Douglas (Boeing)	MD-11
MD80	McDonnell Douglas (Boeing)	MD-80
MD82	McDonnell Douglas (Boeing)	MD-82
MD83	McDonnell Douglas (Boeing)	MD-83
MD87	McDonnell Douglas (Boeing)	MD-87
MD88	McDonnell Douglas (Boeing)	MD-88
MU30	Mitsubishi	MU-300 Diamond
PR1	Hawker Beechcraft	Premier I
PRM1	Hawker Beechcraft	Premier I
R722	Boeing	727-200 Super 27
SB20	North American	Saberliner
SBR1	North American	Saberliner 50
SBR2	North American	Saberliner 75



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

Jet Aircraft		
FAA Aircraft ID	Manufacturer	Model
T1	Hawker Beechcraft	Beechjet 400A
T2	North American	T-2 Buckeye
T2P	North American	T-2 Buckeye
T24C	unknown	unknown
T37	Cessna	T-37 Tweet
T38	Northrop	T-38 Talon
WW24	IAI	1124 Westwind
XL2	unknown	unknown



Appendix B

Instrument Flight Rule (IFR) Data



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2001

Rowan County

Annual Operations

2,700

Single-Engine Piston		Multi-Engine Piston	
AA1 - American AA-1 Trainer	1	AC50 - Aero Commander 500	3
AA5 - American AA-5 Traveler	1	AC6L - Aero Commander 680FL	0
AA5A - American AA-5 Cheetah	0	AEST - Piper Aero Star	7
AA5B - American Traveler	1	BE18 - Beech 18	0
AC11 - North American Commander 112	2	BE50 - Beech Twin Bonanza	2
AC12 - Rockwell Commander 112	2	BE55 - Beech Baron 55	97
AC14 - Aero Commander AC-14	0	BE58 - Beech 58	148
AG5B - Lancair Tiger AG5B	0	BE60 - Beech 60 Duke	50
BL26 - Viking; Bellanca Aircraft	0	BE65 - Beech 65 Queen Air	7
BE23 - Beech 23 Sundowner	8	BE76 - Beech 76 Duchess	36
BE24 - Beech 24 Sierra	11	BE95 - Beech 95 Travel Air	5
BE33 - Beech Bonanza 33	19	C303 - Cessna T303 Crusader	0
BE35 - Beech Bonanza 35	94	C310 - Cessna 310	40
BE36 - Beech Bonanza 36	226	C320 - Cessna Skyknight	0
BL17 - Bellanca Viking	5	C82 - Fairchild F-78 Packet	0
C140 - Cessna 140	0	C335 - Cessna 335	0
C150 - Cessna 150	3	C337 - Cessna Turbo Super Skymaster	0
C152 - Cessna 152	0	C340 - Cessna 340	3
C170 - Cessna 170	4	C401 - Cessna C-401	0
C172 - Cessna Skyhawk 172/Cutlass	172	C402 - Cessna 401/402	14
C177 - Cessna 177 Cardinal	26	C414 - Cessna Chancellor 414	23
C180 - Cessna 180	2	C421 - Cessna Golden Eagle 421	25
C182 - Cessna Skylane 182	67	DA42 - Diamond Twin Star	0
C185 - Cessna Skywagon 185	0	DC3 - Boeing (Douglas) DC 3	0
C195 - Cessna 195	0	DHC2 - De Havilland Canada DHC-2 Beaver	0
C205 - Cessna 205	1	PA23 - Piper PA-23	1
C206 - Cessna 206 Stationair	8	PA27 - Piper Aztec	4
C210 - Cessna 210 Centurion	22	PA30 - Piper PA-30	7
C72 - Cessna C-175	4	PA31 - Piper Navajo PA-31	69
C72R - Cessna Cutlass RG	1	PA34 - Piper PA-34 Seneca	16
C77R - Cessna Cardinal RG	16	PASE - Piper PA 31 Seneca	0
C82R - Cessna Skylane RG	2	P34T - Piper PA-34 Seneca	0
C82T - Skylane RG, Turbo	0	PA44 - Piper Seminole	4
C90 - Cessna 190	0	PAZT - Piper Aztec	0
COL - Lancair Columbia All Series	0	Total	561
COL3 - Lancair LC-40 Columbia 400	0	% of Total Ops	20.8%
COL4 - Lancair LC-41 Columbia 400	0		
DA20 - Diamond DA 20	0		
DA40 - Diamond Star DA40	0		
GA7 - Grumman American Cougar	0		
GLAS - New Glasair	0		
HUSK - Aviat A-1 Husky Pup	0		
LA25 - Lake Turbo Seafury	0		
LA4 - Lake LA-4	0		
LC40 - Lancair LC-40	1		
LC42 - Lancair LC-42	0		
LEG2 - Lancair Legacy 2000	0		
LNCE - Lancair Super ES	0		
M20 - Mooney M-20C Ranger	3		



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2001

Rowan County

Annual Operations

2,700

Single-Engine Piston		Multi-Engine Piston
M200 - Aero Commander 200	0	
M20A - Mooney M-20C Ranger	0	
M20C - Mooney M-20C Ranger	0	
M20E - Mooney M-20	4	
M20J - Mooney M-205	1	
M20K - Mooney M-20	1	
M20P - Mooney M-20C Ranger	11	
M20R - Mooney M-20	0	
M20T - Turbo Mooney M20K	6	
M5 - Maule M-5 Strata Rocket	0	
M6 - Maule M-6 Super Rocket	0	
M7 - Maule M-7-235 Orion	0	
MO20 - Mooney M-20	2	
MO21 - Mooney Mark 21	0	
P23R - Piper Aztec PA23	0	
P23 - Pottier P-230 Panda	0	
NAVI - C335	0	
P210 - Riley Super P210	0	
P28 - Piper Cherokee	10	
P28A - Piper Cherokee	79	
P28B - Piper Turbo Dakota	4	
P28R - Cherokee Arrow/Turbo	14	
P28T - Piper Arrow 4	1	
P32 - Embraer Lance 2	0	
P32A - Embraer Lance 2	5	
P32R - Piper 32	13	
P32T - Embraer Lance 2	0	
P51 - North American P-51 Mustang	8	
PA20 - Piper PA-20 Pacer	0	
PA22 - Piper PA-22 Tri-Pacer	0	
PA24 - Piper PA-24	9	
PA28 - Piper Cherokee	71	
PA32 - Piper Cherokee Six	69	
PA38 - Piper Tomahawk PA38	0	
PARO - Piper Cherokee Arrow	1	
RV6 - AIEP Air Beetle	0	
RV8 - RV-4/6/7/8; VANS	0	
RV9 - Experimental	0	
SR20 - Cirrus SR-20	0	
SR22 - Cirrus SR 22	0	
T182 - Cessna T182	0	
T6 - North American T-6 Texan	0	
TAMP - Socata TB-9 Tampico	1	
TB21 - Socata TB-21	0	
XL2 - Liberty XL-2	0	
TRIN - Socata TB-21 Trinidad	4	
Z43 - Zlin Z-43	0	
Total		1,015
% of Total Ops		37.6%



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2001

Rowan County

Annual Operations

2,700

Turbo-Prop	
AC90 - Gulfstream Commander	0
AC95 - Gulfstream Jetprop Commander 1000	0
B190 - Beech 1900/C-12J	0
B350 - Beech Super King Air 350	42
B36T - Allison 36 Turbine Bonanza	0
BN2T - Britten Norman BN 2T	0
BE10 - Beech King Air 100 A/B	17
BE20 - Beech 200 Super King	89
BE30 - Raytheon 300 Super King Air	20
BE90 - Beech King Air 90	16
BE9L - Beech King Air 90	58
B9T - Raytheon 90 (F90)	0
BE9 - Beechcraft C99 Airliner; Beech Aircraft	1
BE9T - Beech F90 King Air	12
C130 - Lockheed 130 Hercules	0
C12 - CS2 C212 CASA/IPTN 212 Aviocar	0
C208 - Cessna 208 Caravan	4
C212 - CASA Aviocar	0
C425 - Cessna 425 Corsair	6
C441 - Cessna Conquest	22
CVLP - Convair CV-440 Metropolitan	0
CN35 - CASA CN-235	0
CV58 - Convair CV58	0
CVLT - Convair CV-540/580/600/640, VC-131H	0
E110 - Embraer EMB110	0
E120 - Embraer Brasilia EMB 120	0
F406 - Cessna F406 Vigilant	0
JS31 - BAe-3100 Jetstream	0
JS32 - BAe Jetstream 31	1
MU2 - Mitsubishi Marquise/Solitaire	0
P180 - Piaggio P-180 Avanti	0
PA46 - Piper Malibu	4
P46T - Piper Malibu Meridian	24
PAY1 - Piper Cheyenne 1	12
PAY2 - Piper Cheyenne 2	11
PAY3 - Piper PA-42-720 Cheyenne 3	10
PAY4 - Piper Cheyenne 400	10
PAYE - Cheyenne	0
PC12 - Pilatus PC-12	8
SH33 - Shorts 330	0
SH36 - Shorts 360	0
SW2 - Swearingen Merlin 2	0
SW3 - Fairchild Swearingen SA-226T/TB Merlin 3	6
SW4 - Swearingen Merlin 4/4A Metro2	0
TBM7 - Socata TBM-7	1
TBM8 - Socata TBM-850	0
TEX2 - Raytheon Texan 2	0
Total	374
% of Total Ops	13.9%



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2001

Rowan County

Annual Operations

2,700

Jet	
ASTR - IAI Astra 1125	18
B734 - Boeing 737-400	0
B737 - Boeing 737-700	0
BE40 - Raytheon/Beech Beechjet 400/T-1	457
C25A - Cessna Citation CJ2	0
C25B - Cessna Citation CJ3	0
C500 - Cessna 500/Citation I	4
C501 - Cessna I/SP	6
C510 - Cessna Citation Mustang	0
C525 - Cessna CitationJet/CJ1	13
C550 - Cessna Citation II/Bravo	39
C560 - Cessna Citation V/Ultra/Encore	43
C56X - Cessna Excel/XLS	2
C650 - Cessna III/VI/VII	9
C680 - Cessna Citation Sovereign	0
C750 - Cessna Citation X	2
CL30 - Bombardier (Canadair) Challenger 300	0
CL60 - Bombardier Challenger 600/601/604	0
CL64 - unknown	2
CRJ2 - Bombardier CRJ-200	0
DA10 - Dassault Falcon/Mystère 10	0
DA90 - Dassault Falcon 900	0
E135 - Embraer ERJ 135/140/Legacy	0
E145 - Embraer ERJ-145	0
E50P - Embraer Phenom 100	0
E55P - Embraer Phenom 300	0
EA50 - Eclipse 500	0
F2TH - Dassault Falcon 2000	4
F900 - Dassault Falcon 900	8
FA10 - Dassault Falcon/Mystère 10	9
FA20 - Dassault Falcon/Mystère 20	3
FA7X - Dassault Falcon F7X	0
FA50 - Dassault Falcon/Mystère 50	0
FOUG - Fouga Magister/Tzukit	0
G150 - Gulfstream G150	0
G159 - Gulfstream Aerospace G 159/VC-4	0
G280 - Gulfstream G280	0
GALX - IAI 1126 Galaxy/Gulfstream G200	3
GL5T - Bombardier BD-700 Global 5000	0
GLEX - Bombardier BD-700 Global Express	0
GLF2 - Gulfstream II/G200	5
GLF3 - Gulfstream III/G300	4
GLF4 - Gulfstream IV/G400	4
GLF5 - Gulfstream V/G500	0
H25A - BAe HS 125-1/2/3/400/600	0
H25B - BAe HS 125/700-800/Hawker 800	16
H25C - BAe/Raytheon HS 125-1000/Hawker 1000	0
HA4T - Hawker 4000	0
HS25 - BAe HS 125; British Aerospace	0



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2001

Rowan County

Annual Operations

2,700

Jet	
L29B - Lockheed L-1329 Jetstar 731	0
L39 - Aero L-139 Albatross	0
LJ24 - Bombardier Learjet 24	2
LJ25 - Bombardier Learjet 25	2
LJ31 - Bombardier Learjet 31/A/B	4
LJ35 - Bombardier Learjet 35/36	4
LJ40 - Learjet 40; Gates Learjet	0
LJ45 - Bombardier Learjet 45	2
LJ55 - Bombardier Learjet 55	4
LJ60 - Bombardier Learjet 60	21
LR24 - unknown	0
LR25 - Bombardier Learjet 25	0
LR35 - Learjet 35	0
LR40 - Bombardier Learjet 40	0
LR45 - Learjet 45	0
LR55 - LearJet 55	0
MU30 - Mitsubishi MU300/ Diamond I	3
PRM1 - Raytheon Premier 1/390 Premier 1	0
SBR1 - North American Rockwell Sabre 40/60	52
SBR2 - North American Rockwell Sabre 75	0
VW24 - IAI 1124 Westwind	2
Total	747
% of Total Ops	27.7%



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2001

Rowan County

Annual Operations

2,700

Rotorcraft	
B06 - Agusta AB-206 LongRanger	0
B40 - Bell 407	0
B407 - Bell 407	2
B412 - Bell 412 Sentinel	1
B222 - Bell 222	0
EXP - McDonnell MD-902 Explorer	0
H72 - UH-72 Lakota is a twin-engine	0
H60 - Sikorsky SH-60 Seahawk	0
UH1 - Bell 204	0
S76 - Sikorsky S-76	0
TH57 - Bell TH57	0
UH60 - Blackhawk Helicopter	0
AS65 - Aérospatiale AS-366	0
B230 - Bell 230	0
EC35 - Eurocopter EC-135	0
EC45 - Eurocopter EC-145	0
Total	3
% of Total Ops	0.1%



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2002

Rowan County

Annual Operations

2,832

Single-Engine Piston		Multi-Engine Piston	
AA1 - American AA-1 Trainer	0	AC50 - Aero Commander 500	0
AA5 - American AA-5 Traveler	4	AC6L - Aero Commander 680FL	0
AA5A - American AA-5 Cheetah	0	AEST - Piper Aero Star	4
AA5B - American Traveler	7	BE18 - Beech 18	0
AC11 - North American Commander 112	1	BE50 - Beech Twin Bonanza	0
AC12 - Rockwell Commander 112	4	BE55 - Beech Baron 55	74
AC14 - Aero Commander AC-14	0	BE58 - Beech 58	113
AG5B - Lancair Tiger AG5B	2	BE60 - Beech 60 Duke	43
BL26 - Viking; Bellanca Aircraft	0	BE65 - Beech 65 Queen Air	1
BE23 - Beech 23 Sundowner	3	BE76 - Beech 76 Duchess	1
BE24 - Beech 24 Sierra	5	BE95 - Beech 95 Travel Air	2
BE33 - Beech Bonanza 33	47	C303 - Cessna T303 Crusader	0
BE35 - Beech Bonanza 35	53	C310 - Cessna 310	31
BE36 - Beech Bonanza 36	180	C320 - Cessna Skyknight	0
BL17 - Bellanca Viking	2	C82 - Fairchild F-78 Packet	1
C140 - Cessna 140	0	C335 - Cessna 335	0
C150 - Cessna 150	0	C337 - Cessna Turbo Super Skymaster	5
C152 - Cessna 152	0	C340 - Cessna 340	14
C170 - Cessna 170	0	C401 - Cessna C-401	0
C172 - Cessna Skyhawk 172/Cutlass	135	C402 - Cessna 401/402	11
C177 - Cessna 177 Cardinal	12	C414 - Cessna Chancellor 414	25
C180 - Cessna 180	3	C421 - Cessna Golden Eagle 421	21
C182 - Cessna Skylane 182	64	DA42 - Diamond Twin Star	0
C185 - Cessna Skywagon 185	1	DC3 - Boeing (Douglas) DC 3	1
C195 - Cessna 195	0	DHC2 - De Havilland Canada DHC-2 Beaver	0
C205 - Cessna 205	0	PA23 - Piper PA-23	1
C206 - Cessna 206 Stationair	8	PA27 - Piper Aztec	8
C210 - Cessna 210 Centurion	23	PA30 - Piper PA-30	24
C72 - Cessna C-175	4	PA31 - Piper Navajo PA-31	82
C72R - Cessna Cutlass RG	0	PA34 - Piper PA-34 Seneca	15
C77R - Cessna Cardinal RG	12	PASE - Piper PA 31 Seneca	0
C82R - Cessna Skylane RG	1	P34T - Piper PA-34 Seneca	0
C82T - Skylane RG, Turbo	0	PA44 - Piper Seminole	1
C90 - Cessna 190	2	PAZT - Piper Aztec	0
COL - Lancair Columbia All Series	0	Total	478
COL3 - Lancair LC-40 Columbia 400	1	% of Total Ops	16.9%
COL4 - Lancair LC-41 Columbia 400	0		
DA20 - Diamond DA 20	0		
DA40 - Diamond Star DA40	0		
GA7 - Grumman American Cougar	0		
GLAS - New Glasair	0		
HUSK - Aviat A-1 Husky Pup	0		
LA25 - Lake Turbo Seafury	0		
LA4 - Lake LA-4	0		
LC40 - Lancair LC-40	99		
LC42 - Lancair LC-42	0		
LEG2 - Lancair Legacy 2000	0		
LNCE - Lancair Super ES	0		
M20 - Mooney M-20C Ranger	3		



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2002

Rowan County

Annual Operations

2,832

Single-Engine Piston		Multi-Engine Piston
M200 - Aero Commander 200	0	
M20A - Mooney M-20C Ranger	0	
M20C - Mooney M-20C Ranger	3	
M20E - Mooney M-20	2	
M20J - Mooney M-205	2	
M20K - Mooney M-20	0	
M20P - Mooney M-20C Ranger	7	
M20R - Mooney M-20	0	
M20T - Turbo Mooney M20K	3	
M5 - Maule M-5 Strata Rocket	0	
M6 - Maule M-6 Super Rocket	0	
M7 - Maule M-7-235 Orion	1	
MO20 - Mooney M-20	4	
MO21 - Mooney Mark 21	0	
P23R - Piper Aztec PA23	0	
P23 - Pottier P-230 Panda	0	
NAVI - C335	0	
P210 - Riley Super P210	2	
P28 - Piper Cherokee	4	
P28A - Piper Cherokee	53	
P28B - Piper Turbo Dakota	2	
P28R - Cherokee Arrow/Turbo	40	
P28T - Piper Arrow 4	2	
P32 - Embraer Lance 2	7	
P32A - Embraer Lance 2	6	
P32R - Piper 32	25	
P32T - Embraer Lance 2	0	
P51 - North American P-51 Mustang	0	
PA20 - Piper PA-20 Pacer	0	
PA22 - Piper PA-22 Tri-Pacer	0	
PA24 - Piper PA-24	8	
PA28 - Piper Cherokee	23	
PA32 - Piper Cherokee Six	95	
PA38 - Piper Tomahawk PA38	0	
PARO - Piper Cherokee Arrow	0	
RV6 - AIEP Air Beetle	0	
RV8 - RV-4/6/7/8; VANS	0	
RV9 - Experimental	0	
SR20 - Cirrus SR-20	0	
SR22 - Cirrus SR 22	4	
T182 - Cessna T182	0	
T6 - North American T-6 Texan	0	
TAMP - Socata TB-9 Tampico	0	
TB21 - Socata TB-21	0	
XL2 - Liberty XL-2	0	
TRIN - Socata TB-21 Trinidad	3	
Z43 - Zlin Z-43	0	
Total	972	
% of Total Ops	34.3%	



ROWAN COUNTY AIRPORT

AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2002

Rowan County

Annual Operations

2,832

Turbo-Prop	
AC90 - Gulfstream Commander	2
AC95 - Gulfstream Jetprop Commander 1000	0
B190 - Beech 1900/C-12J	1
B350 - Beech Super King Air 350	84
B36T - Allison 36 Turbine Bonanza	0
BN2T - Britten Norman BN 2T	0
BE10 - Beech King Air 100 A/B	98
BE20 - Beech 200 Super King	72
BE30 - Raytheon 300 Super King Air	21
BE90 - Beech King Air 90	30
BE9L - Beech King Air 90	102
B9T - Raytheon 90 (F90)	2
BE9 - Beechcraft C99 Airliner; Beech Aircraft	2
BE9T - Beech F90 King Air	18
C130 - Lockheed 130 Hercules	0
C12 - CS2 C212 CASA/IPTN 212 Aviocar	0
C208 - Cessna 208 Caravan	4
C212 - CASA Aviocar	0
C425 - Cessna 425 Corsair	10
C441 - Cessna Conquest	19
CVLP - Convair CV-440 Metropolitan	0
CN35 - CASA CN-235	0
CV58 - Convair CV58	0
CVLT - Convair CV-540/580/600/640, VC-131H	2
E110 - Embraer EMB110	0
E120 - Embraer Brasilia EMB 120	0
F406 - Cessna F406 Vigilant	0
JS31 - BAe-3100 Jetstream	0
JS32 - BAe Jetstream 31	0
MU2 - Mitsubishi Marquise/Solitaire	7
P180 - Piaggio P-180 Avanti	0
PA46 - Piper Malibu	6
P46T - Piper Malibu Meridian	12
PAY1 - Piper Cheyenne 1	34
PAY2 - Piper Cheyenne 2	5
PAY3 - Piper PA-42-720 Cheyenne 3	6
PAY4 - Piper Cheyenne 400	6
PAYE - Cheyenne	1
PC12 - Pilatus PC-12	3
SH33 - Shorts 330	0
SH36 - Shorts 360	0
SW2 - Swearingen Merlin 2	0
SW3 - Fairchild Swearingen SA-226T/TB Merlin 3	0
SW4 - Swearingen Merlin 4/4A Metro2	2
TBM7 - Socata TBM-7	0
TBM8 - Socata TBM-850	0
TEX2 - Raytheon Texan 2	0
Total	549
% of Total Ops	19.4%



ROWAN COUNTY AIRPORT

AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2002

Rowan County

Annual Operations

2,832

Jet	
ASTR - IAI Astra 1125	8
B734 - Boeing 737-400	0
B737 - Boeing 737-700	0
BE40 - Raytheon/Beech Beechjet 400/T-1	512
C25A - Cessna Citation CJ2	0
C25B - Cessna Citation CJ3	0
C500 - Cessna 500/Citation I	3
C501 - Cessna I/SP	2
C510 - Cessna Citation Mustang	0
C525 - Cessna CitationJet/CJ1	22
C550 - Cessna Citation II/Bravo	50
C560 - Cessna Citation V/Ultra/Encore	41
C56X - Cessna Excel/XLS	11
C650 - Cessna III/VI/VII	10
C680 - Cessna Citation Sovereign	0
C750 - Cessna Citation X	6
CL30 - Bombardier (Canadair) Challenger 300	0
CL60 - Bombardier Challenger 600/601/604	4
CL64 - unknown	0
CRJ2 - Bombardier CRJ-200	0
DA10 - Dassault Falcon/Mystère 10	0
DA90 - Dassault Falcon 900	0
E135 - Embraer ERJ 135/140/Legacy	0
E145 - Embraer ERJ-145	0
E50P - Embraer Phenom 100	0
E55P - Embraer Phenom 300	0
EA50 - Eclipse 500	0
F2TH - Dassault Falcon 2000	2
F900 - Dassault Falcon 900	0
FA10 - Dassault Falcon/Mystère 10	0
FA20 - Dassault Falcon/Mystère 20	8
FA7X - Dassault Falcon F7X	0
FA50 - Dassault Falcon/Mystère 50	3
FOUG - Fouga Magister/Tzukit	0
G150 - Gulfstream G150	0
G159 - Gulfstream Aerospace G 159/VC-4	1
G280 - Gulfstream G280	0
GALX - IAI 1126 Galaxy/Gulfstream G200	7
GL5T - Bombardier BD-700 Global 5000	0
GLEX - Bombardier BD-700 Global Express	0
GLF2 - Gulfstream II/G200	3
GLF3 - Gulfstream III/G300	5
GLF4 - Gulfstream IV/G400	4
GLF5 - Gulfstream V/G500	5
H25A - BAe HS 125-1/2/3/400/600	0
H25B - BAe HS 125/700-800/Hawker 800	16
H25C - BAe/Raytheon HS 125-1000/Hawker 1000	0
HA4T - Hawker 4000	0
HS25 - BAe HS 125; British Aerospace	0



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2002

Rowan County

Annual Operations

2,832

Jet	
L29B - Lockheed L-1329 Jetstar 731	0
L39 - Aero L-139 Albatross	0
LJ24 - Bombardier Learjet 24	2
LJ25 - Bombardier Learjet 25	6
LJ31 - Bombardier Learjet 31/A/B	24
LJ35 - Bombardier Learjet 35/36	12
LJ40 - Learjet 40; Gates Learjet	0
LJ45 - Bombardier Learjet 45	11
LJ55 - Bombardier Learjet 55	6
LJ60 - Bombardier Learjet 60	2
LR24 - unknown	0
LR25 - Bombardier Learjet 25	0
LR35 - Learjet 35	1
LR40 - Bombardier Learjet 40	0
LR45 - Learjet 45	2
LR55 - LearJet 55	0
MU30 - Mitsubishi MU300/ Diamond I	0
PRM1 - Raytheon Premier 1/390 Premier 1	0
SBR1 - North American Rockwell Sabre 40/60	36
SBR2 - North American Rockwell Sabre 75	0
WW24 - IAI 1124 Westwind	8
Total	833
% of Total Ops	29.4%



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2002

Rowan County

Annual Operations

2,832

Rotorcraft	
B06 - Agusta AB-206 LongRanger	0
B40 - Bell 407	0
B407 - Bell 407	0
B412 - Bell 412 Sentinel	0
B222 - Bell 222	0
EXP - McDonnell MD-902 Explorer	0
H72 - UH-72 Lakota is a twin-engine	0
H60 - Sikorsky SH-60 Seahawk	0
UH1 - Bell 204	0
S76 - Sikorsky S-76	0
TH57 - Bell TH57	0
UH60 - Blackhawk Helicopter	0
AS65 - Aérospatiale AS-366	0
B230 - Bell 230	0
EC35 - Eurocopter EC-135	0
EC45 - Eurocopter EC-145	0
Total	0
% of Total Ops	0.0%



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2003

Rowan County

Annual Operations

2,605

Single-Engine Piston		Multi-Engine Piston	
AA1 - American AA-1 Trainer	1	AC50 - Aero Commander 500	0
AA5 - American AA-5 Traveler	3	AC6L - Aero Commander 680FL	0
AA5A - American AA-5 Cheetah	0	AEST - Piper Aero Star	6
AA5B - American Traveler	2	BE18 - Beech 18	0
AC11 - North American Commander 112	0	BE50 - Beech Twin Bonanza	0
AC12 - Rockwell Commander 112	0	BE55 - Beech Baron 55	58
AC14 - Aero Commander AC-14	3	BE58 - Beech 58	79
AG5B - Lancair Tiger AG5B	6	BE60 - Beech 60 Duke	18
BL26 - Viking; Bellanca Aircraft	0	BE65 - Beech 65 Queen Air	0
BE23 - Beech 23 Sundowner	5	BE76 - Beech 76 Duchess	0
BE24 - Beech 24 Sierra	9	BE95 - Beech 95 Travel Air	0
BE33 - Beech Bonanza 33	27	C303 - Cessna T303 Crusader	7
BE35 - Beech Bonanza 35	91	C310 - Cessna 310	21
BE36 - Beech Bonanza 36	196	C320 - Cessna Skyknight	1
BL17 - Bellanca Viking	0	C82 - Fairchild F-78 Packet	1
C140 - Cessna 140	0	C335 - Cessna 335	6
C150 - Cessna 150	6	C337 - Cessna Turbo Super Skymaster	2
C152 - Cessna 152	0	C340 - Cessna 340	5
C170 - Cessna 170	0	C401 - Cessna C-401	0
C172 - Cessna Skyhawk 172/Cutlass	118	C402 - Cessna 401/402	12
C177 - Cessna 177 Cardinal	8	C414 - Cessna Chancellor 414	33
C180 - Cessna 180	5	C421 - Cessna Golden Eagle 421	18
C182 - Cessna Skylane 182	48	DA42 - Diamond Twin Star	0
C185 - Cessna Skywagon 185	0	DC3 - Boeing (Douglas) DC 3	0
C195 - Cessna 195	0	DHC2 - De Havilland Canada DHC-2 Beaver	0
C205 - Cessna 205	0	PA23 - Piper PA-23	1
C206 - Cessna 206 Stationair	4	PA27 - Piper Aztec	3
C210 - Cessna 210 Centurion	27	PA30 - Piper PA-30	14
C72 - Cessna C-175	2	PA31 - Piper Navajo PA-31	85
C72R - Cessna Cutlass RG	2	PA34 - Piper PA-34 Seneca	17
C77R - Cessna Cardinal RG	14	PASE - Piper PA 31 Seneca	0
C82R - Cessna Skylane RG	0	P34T - Piper PA-34 Seneca	3
C82T - Skylane RG, Turbo	0	PA44 - Piper Seminole	3
C90 - Cessna 190	1	PAZT - Piper Aztec	0
COL - Lancair Columbia All Series	0	Total	393
COL3 - Lancair LC-40 Columbia 400	7	% of Total Ops	15.1%
COL4 - Lancair LC-41 Columbia 400	0		
DA20 - Diamond DA 20	0		
DA40 - Diamond Star DA40	0		
GA7 - Grumman American Cougar	0		
GLAS - New Glasair	0		
HUSK - Aviat A-1 Husky Pup	0		
LA25 - Lake Turbo Seafury	0		
LA4 - Lake LA-4	0		
LC40 - Lancair LC-40	63		
LC42 - Lancair LC-42	1		
LEG2 - Lancair Legacy 2000	0		
LNCE - Lancair Super ES	0		
M20 - Mooney M-20C Ranger	9		



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2003

Rowan County

Annual Operations

2,605

Single-Engine Piston		Multi-Engine Piston
M200 - Aero Commander 200	0	
M20A - Mooney M-20C Ranger	0	
M20C - Mooney M-20C Ranger	1	
M20E - Mooney M-20	0	
M20J - Mooney M-205	5	
M20K - Mooney M-20	1	
M20P - Mooney M-20C Ranger	22	
M20R - Mooney M-20	0	
M20T - Turbo Mooney M20K	0	
M5 - Maule M-5 Strata Rocket	0	
M6 - Maule M-6 Super Rocket	0	
M7 - Maule M-7-235 Orion	0	
MO20 - Mooney M-20	5	
MO21 - Mooney Mark 21	0	
P23R - Piper Aztec PA23	0	
P23 - Pottier P-230 Panda	0	
NAVI - C335	0	
P210 - Riley Super P210	0	
P28 - Piper Cherokee	1	
P28A - Piper Cherokee	27	
P28B - Piper Turbo Dakota	4	
P28R - Cherokee Arrow/Turbo	46	
P28T - Piper Arrow 4	5	
P32 - Embraer Lance 2	11	
P32A - Embraer Lance 2	4	
P32R - Piper 32	33	
P32T - Embraer Lance 2	0	
P51 - North American P-51 Mustang	0	
PA20 - Piper PA-20 Pacer	0	
PA22 - Piper PA-22 Tri-Pacer	0	
PA24 - Piper PA-24	11	
PA28 - Piper Cherokee	17	
PA32 - Piper Cherokee Six	109	
PA38 - Piper Tomahawk PA38	0	
PARO - Piper Cherokee Arrow	2	
RV6 - AIEP Air Beetle	0	
RV8 - RV-4/6/7/8; VANS	0	
RV9 - Experimental	0	
SR20 - Cirrus SR-20	0	
SR22 - Cirrus SR 22	0	
T182 - Cessna T182	0	
T6 - North American T-6 Texan	0	
TAMP - Socata TB-9 Tampico	0	
TB21 - Socata TB-21	0	
XL2 - Liberty XL-2	0	
TRIN - Socata TB-21 Trinidad	0	
Z43 - Zlin Z-43	0	
Total	961	
% of Total Ops	36.9%	



ROWAN COUNTY AIRPORT

AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2003

Rowan County

Annual Operations

2,605

Turbo-Prop	
AC90 - Gulfstream Commander	0
AC95 - Gulfstream Jetprop Commander 1000	0
B190 - Beech 1900/C-12J	0
B350 - Beech Super King Air 350	71
B36T - Allison 36 Turbine Bonanza	0
BN2T - Britten Norman BN 2T	0
BE10 - Beech King Air 100 A/B	59
BE20 - Beech 200 Super King	67
BE30 - Raytheon 300 Super King Air	4
BE90 - Beech King Air 90	19
BE9L - Beech King Air 90	113
B9T - Raytheon 90 (F90)	0
BE9 - Beechcraft C99 Airliner; Beech Aircraft	0
BE9T - Beech F90 King Air	10
C130 - Lockheed 130 Hercules	0
C12 - CS2 C212 CASA/IPTN 212 Aviocar	0
C208 - Cessna 208 Caravan	1
C212 - CASA Aviocar	0
C425 - Cessna 425 Corsair	1
C441 - Cessna Conquest	27
CVLP - Convair CV-440 Metropolitan	0
CN35 - CASA CN-235	0
CV58 - Convair CV58	1
CVLT - Convair CV-540/580/600/640, VC-131H	1
E110 - Embraer EMB110	0
E120 - Embraer Brasilia EMB 120	0
F406 - Cessna F406 Vigilant	0
JS31 - BAe-3100 Jetstream	0
JS32 - BAe Jetstream 31	3
MU2 - Mitsubishi Marquise/Solitaire	2
P180 - Piaggio P-180 Avanti	2
PA46 - Piper Malibu	0
P46T - Piper Malibu Meridian	6
PAY1 - Piper Cheyenne 1	16
PAY2 - Piper Cheyenne 2	4
PAY3 - Piper PA-42-720 Cheyenne 3	2
PAY4 - Piper Cheyenne 400	2
PAYE - Cheyenne	0
PC12 - Pilatus PC-12	5
SH33 - Shorts 330	0
SH36 - Shorts 360	0
SW2 - Swearingen Merlin 2	0
SW3 - Fairchild Swearingen SA-226T/TB Merlin 3	0
SW4 - Swearingen Merlin 4/4A Metro2	0
TBM7 - Socata TBM-7	1
TBM8 - Socata TBM-850	0
TEX2 - Raytheon Texan 2	0
Total	417
% of Total Ops	16.0%



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2003

Rowan County

Annual Operations

2,605

Jet	
ASTR - IAI Astra 1125	5
B734 - Boeing 737-400	0
B737 - Boeing 737-700	0
BE40 - Raytheon/Beech Beechjet 400/T-1	515
C25A - Cessna Citation CJ2	0
C25B - Cessna Citation CJ3	0
C500 - Cessna 500/Citation I	2
C501 - Cessna I/SP	15
C510 - Cessna Citation Mustang	0
C525 - Cessna CitationJet/CJ1	14
C550 - Cessna Citation II/Bravo	32
C560 - Cessna Citation V/Ultra/Encore	47
C56X - Cessna Excel/XLS	25
C650 - Cessna III/VI/VII	10
C680 - Cessna Citation Sovereign	0
C750 - Cessna Citation X	0
CL30 - Bombardier (Canadair) Challenger 300	0
CL60 - Bombardier Challenger 600/601/604	7
CL64 - unknown	3
CRJ2 - Bombardier CRJ-200	0
DA10 - Dassault Falcon/Mystère 10	0
DA90 - Dassault Falcon 900	0
E135 - Embraer ERJ 135/140/Legacy	0
E145 - Embraer ERJ-145	0
E50P - Embraer Phenom 100	0
E55P - Embraer Phenom 300	0
EA50 - Eclipse 500	0
F2TH - Dassault Falcon 2000	3
F900 - Dassault Falcon 900	0
FA10 - Dassault Falcon/Mystère 10	0
FA20 - Dassault Falcon/Mystère 20	14
FA7X - Dassault Falcon F7X	0
FA50 - Dassault Falcon/Mystère 50	5
FOUG - Fouga Magister/Tzukit	2
G150 - Gulfstream G150	0
G159 - Gulfstream Aerospace G 159/VC-4	0
G280 - Gulfstream G280	0
GALX - IAI 1126 Galaxy/Gulfstream G200	15
GL5T - Bombardier BD-700 Global 5000	0
GLEK - Bombardier BD-700 Global Express	0
GLF2 - Gulfstream II/G200	1
GLF3 - Gulfstream III/G300	3
GLF4 - Gulfstream IV/G400	0
GLF5 - Gulfstream V/G500	0
H25A - BAe HS 125-1/2/3/400/600	0
H25B - BAe HS 125/700-800/Hawker 800	24
H25C - BAe/Raytheon HS 125-1000/Hawker 1000	0
HA4T - Hawker 4000	0
HS25 - BAe HS 125; British Aerospace	0



ROWAN COUNTY AIRPORT

AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2003

Rowan County

Annual Operations

2,605

Jet	
L29B - Lockheed L-1329 Jetstar 731	0
L39 - Aero L-139 Albatross	0
LJ24 - Bombardier Learjet 24	1
LJ25 - Bombardier Learjet 25	6
LJ31 - Bombardier Learjet 31/A/B	13
LJ35 - Bombardier Learjet 35/36	14
LJ40 - Learjet 40; Gates Learjet	0
LJ45 - Bombardier Learjet 45	9
LJ55 - Bombardier Learjet 55	7
LJ60 - Bombardier Learjet 60	9
LR24 - unknown	0
LR25 - Bombardier Learjet 25	0
LR35 - Learjet 35	0
LR40 - Bombardier Learjet 40	0
LR45 - Learjet 45	1
LR55 - LearJet 55	1
MU30 - Mitsubishi MU300/ Diamond I	1
PRM1 - Raytheon Premier 1/390 Premier 1	0
SBR1 - North American Rockwell Sabre 40/60	27
SBR2 - North American Rockwell Sabre 75	0
WW24 - IAI 1124 Westwind	0
Total	831
% of Total Ops	31.9%



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2003

Rowan County

Annual Operations 2,605

Rotorcraft	
B06 - Agusta AB-206 LongRanger	0
B40 - Bell 407	3
B407 - Bell 407	0
B412 - Bell 412 Sentinel	0
B222 - Bell 222	0
EXP - McDonnell MD-902 Explorer	0
H72 - UH-72 Lakota is a twin-engine	0
H60 - Sikorsky SH-60 Seahawk	0
UH1 - Bell 204	0
S76 - Sikorsky S-76	0
TH57 - Bell TH57	0
UH60 - Blackhawk Helicopter	0
AS65 - Aérospatiale AS-366	0
B230 - Bell 230	0
EC35 - Eurocopter EC-135	0
EC45 - Eurocopter EC-145	0
Total	3
% of Total Ops	0.1%



ROWAN COUNTY AIRPORT

AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2004

Rowan County

Annual Operations

2,692

Single-Engine Piston		Multi-Engine Piston	
AA1 - American AA-1 Trainer	0	AC50 - Aero Commander 500	0
AA5 - American AA-5 Traveler	5	AC6L - Aero Commander 680FL	2
AA5A - American AA-5 Cheetah	0	AEST - Piper Aero Star	6
AA5B - American Traveler	4	BE18 - Beech 18	0
AC11 - North American Commander 112	0	BE50 - Beech Twin Bonanza	0
AC12 - Rockwell Commander 112	0	BE55 - Beech Baron 55	96
AC14 - Aero Commander AC-14	0	BE58 - Beech 58	60
AG5B - Lancair Tiger AG5B	16	BE60 - Beech 60 Duke	29
BL26 - Viking; Bellanca Aircraft	0	BE65 - Beech 65 Queen Air	0
BE23 - Beech 23 Sundowner	6	BE76 - Beech 76 Duchess	2
BE24 - Beech 24 Sierra	17	BE95 - Beech 95 Travel Air	0
BE33 - Beech Bonanza 33	16	C303 - Cessna T303 Crusader	0
BE35 - Beech Bonanza 35	119	C310 - Cessna 310	18
BE36 - Beech Bonanza 36	201	C320 - Cessna Skyknight	0
BL17 - Bellanca Viking	0	C82 - Fairchild F-78 Packet	1
C140 - Cessna 140	0	C335 - Cessna 335	0
C150 - Cessna 150	1	C337 - Cessna Turbo Super Skymaster	0
C152 - Cessna 152	0	C340 - Cessna 340	5
C170 - Cessna 170	0	C401 - Cessna C-401	0
C172 - Cessna Skyhawk 172/Cutlass	119	C402 - Cessna 401/402	8
C177 - Cessna 177 Cardinal	13	C414 - Cessna Chancellor 414	14
C180 - Cessna 180	7	C421 - Cessna Golden Eagle 421	23
C182 - Cessna Skylane 182	44	DA42 - Diamond Twin Star	0
C185 - Cessna Skywagon 185	0	DC3 - Boeing (Douglas) DC 3	0
C195 - Cessna 195	0	DHC2 - De Havilland Canada DHC-2 Beaver	0
C205 - Cessna 205	0	PA23 - Piper PA-23	8
C206 - Cessna 206 Stationair	8	PA27 - Piper Aztec	10
C210 - Cessna 210 Centurion	27	PA30 - Piper PA-30	10
C72 - Cessna C-175	6	PA31 - Piper Navajo PA-31	73
C72R - Cessna Cutlass RG	1	PA34 - Piper PA-34 Seneca	18
C77R - Cessna Cardinal RG	21	PASE - Piper PA 31 Seneca	0
C82R - Cessna Skylane RG	0	P34T - Piper PA-34 Seneca	0
C82T - Skyland RG, Turbo	0	PA44 - Piper Seminole	2
C90 - Cessna 190	0	PAZT - Piper Aztec	0
COL - Lancair Columbia All Series	0		
COL3 - Lancair LC-40 Columbia 400	69		
COL4 - Lancair LC-41 Columbia 400	0		
DA20 - Diamond DA 20	0		
DA40 - Diamond Star DA40	2		
GA7 - Grumman American Cougar	0		
GLAS - New Glasair	0		
HUSK - Aviat A-1 Husky Pup	1		
LA25 - Lake Turbo Seafury	0		
LA4 - Lake LA-4	0		
LC40 - Lancair LC-40	5		
LC42 - Lancair LC-42	43		
LEG2 - Lancair Legacy 2000	0		
LNCE - Lancair Super ES	0		
M20 - Mooney M-20C Ranger	2		
		Total	385
		% of Total Ops	14.3%



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2004

Rowan County

Annual Operations

2,692

Single-Engine Piston		Multi-Engine Piston
M200 - Aero Commander 200	3	
M20A - Mooney M-20C Ranger	0	
M20C - Mooney M-20C Ranger	1	
M20E - Mooney M-20	3	
M20J - Mooney M-205	1	
M20K - Mooney M-20	0	
M20P - Mooney M-20C Ranger	18	
M20R - Mooney M-20	0	
M20T - Turbo Mooney M20K	6	
M5 - Maule M-5 Strata Rocket	0	
M6 - Maule M-6 Super Rocket	0	
M7 - Maule M-7-235 Orion	0	
MO20 - Mooney M-20	3	
MO21 - Mooney Mark 21	1	
P23R - Piper Aztec PA23	0	
P23 - Pottier P-230 Panda	1	
NAVI - C335	0	
P210 - Riley Super P210	0	
P28 - Piper Cherokee	1	
P28A - Piper Cherokee	30	
P28B - Piper Turbo Dakota	5	
P28R - Cherokee Arrow/Turbo	28	
P28T - Piper Arrow 4	3	
P32 - Embraer Lance 2	4	
P32A - Embraer Lance 2	3	
P32R - Piper 32	27	
P32T - Embraer Lance 2	0	
P51 - North American P-51 Mustang	0	
PA20 - Piper PA-20 Pacer	0	
PA22 - Piper PA-22 Tri-Pacer	0	
PA24 - Piper PA-24	11	
PA28 - Piper Cherokee	24	
PA32 - Piper Cherokee Six	63	
PA38 - Piper Tomahawk PA38	0	
PARO - Piper Cherokee Arrow	0	
RV6 - AIEP Air Beetle	2	
RV8 - RV-4/6/7/8; VANS	0	
RV9 - Experimental	0	
SR20 - Cirrus SR-20	0	
SR22 - Cirrus SR 22	1	
T182 - Cessna T182	0	
T6 - North American T-6 Texan	0	
TAMP - Socata TB-9 Tampico	0	
TB21 - Socata TB-21	0	
XL2 - Liberty XL-2	0	
TRIN - Socata TB-21 Trinidad	0	
Z43 - Zlin Z-43	0	
Total	992	
% of Total Ops	36.8%	



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2004

Rowan County

Annual Operations

2,692

Turbo-Prop	
AC90 - Gulfstream Commander	2
AC95 - Gulfstream Jetprop Commander 1000	4
B190 - Beech 1900/C-12J	0
B350 - Beech Super King Air 350	72
B36T - Allison 36 Turbine Bonanza	0
BN2T - Britten Norman BN 2T	0
BE10 - Beech King Air 100 A/B	44
BE20 - Beech 200 Super King	117
BE30 - Raytheon 300 Super King Air	21
BE90 - Beech King Air 90	6
BE9L - Beech King Air 90	101
B9T - Raytheon 90 (F90)	0
BE9 - Beechcraft C99 Airliner, Beech Aircraft	0
BE9T - Beech F90 King Air	16
C130 - Lockheed 130 Hercules	0
C12 - CS2 C212 CASA/IPTN 212 Aviocar	0
C208 - Cessna 208 Caravan	2
C212 - CASA Aviocar	0
C425 - Cessna 425 Corsair	0
C441 - Cessna Conquest	16
CVLP - Convair CV-440 Metropolitan	0
CN35 - CASA CN-235	0
CV58 - Convair CV58	0
CVLT - Convair CV-540/580/600/640, VC-131H	2
E110 - Embraer EMB110	13
E120 - Embraer Brasilia EMB 120	0
F406 - Cessna F406 Vigilant	0
JS31 - BAe-3100 Jetstream	0
JS32 - BAe Jetstream 31	0
MU2 - Mitsubishi Marquise/Solitaire	0
P180 - Piaggio P-180 Avanti	0
PA46 - Piper Malibu	8
P46T - Piper Malibu Meridian	4
PAY1 - Piper Cheyenne 1	29
PAY2 - Piper Cheyenne 2	11
PAY3 - Piper PA-42-720 Cheyenne 3	1
PAY4 - Piper Cheyenne 400	5
PAYE - Cheyenne	0
PC12 - Pilatus PC-12	6
SH33 - Shorts 330	0
SH36 - Shorts 360	0
SW2 - Swearingen Merlin 2	0
SW3 - Fairchild Swearingen SA-226T/TB Merlin 3	0
SW4 - Swearingen Merlin 4/4A Metro2	0
TBM7 - Socata TBM-7	11
TBM8 - Socata TBM-850	0
TEX2 - Raytheon Texan 2	0
Total	491
% of Total Ops	18.2%



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2004

Rowan County

Annual Operations

2,692

Jet	
ASTR - IAI Astra 1125	17
B734 - Boeing 737-400	1
B737 - Boeing 737-700	0
BE40 - Raytheon/Beech Beechjet 400/T-1	551
C25A - Cessna Citation CJ2	2
C25B - Cessna Citation CJ3	0
C500 - Cessna 500/Citation I	6
C501 - Cessna I/SP	2
C510 - Cessna Citation Mustang	0
C525 - Cessna CitationJet/CJ1	22
C550 - Cessna Citation II/Bravo	22
C560 - Cessna Citation V/Ultra/Encore	23
C56X - Cessna Excel/XLS	20
C650 - Cessna III/VI/VII	15
C680 - Cessna Citation Sovereign	0
C750 - Cessna Citation X	13
CL30 - Bombardier (Canadair) Challenger 300	0
CL60 - Bombardier Challenger 600/601/604	4
CL64 - unknown	2
CRJ2 - Bombardier CRJ-200	1
DA10 - Dassault Falcon/Mystère 10	0
DA90 - Dassault Falcon 900	0
E135 - Embraer ERJ 135/140/Legacy	0
E145 - Embraer ERJ-145	0
E50P - Embraer Phenom 100	0
E55P - Embraer Phenom 300	0
EA50 - Eclipse 500	0
F2TH - Dassault Falcon 2000	0
F900 - Dassault Falcon 900	2
FA10 - Dassault Falcon/Mystère 10	3
FA20 - Dassault Falcon/Mystère 20	14
FA7X - Dassault Falcon F7X	0
FA50 - Dassault Falcon/Mystère 50	4
FOUG - Fouga Magister/Tzukit	5
G150 - Gulfstream G150	0
G159 - Gulfstream Aerospace G 159/VC-4	0
G280 - Gulfstream G280	0
GALX - IAI 1126 Galaxy/Gulfstream G200	0
GL5T - Bombardier BD-700 Global 5000	0
GLEK - Bombardier BD-700 Global Express	0
GLF2 - Gulfstream II/G200	0
GLF3 - Gulfstream III/G300	3
GLF4 - Gulfstream IV/G400	8
GLF5 - Gulfstream V/G500	2
H25A - BAe HS 125-1/2/3/400/600	2
H25B - BAe HS 125/700-800/Hawker 800	22
H25C - BAe/Raytheon HS 125-1000/Hawker 1000	0
HA4T - Hawker 4000	0
HS25 - BAe HS 125; British Aerospace	0



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2004

Rowan County

Annual Operations

2,692

Jet	
L29B - Lockheed L-1329 Jetstar 731	0
L39 - Aero L-139 Albatross	0
LJ24 - Bombardier Learjet 24	6
LJ25 - Bombardier Learjet 25	4
LJ31 - Bombardier Learjet 31/A/B	13
LJ35 - Bombardier Learjet 35/36	4
LJ40 - Learjet 40; Gates Learjet	0
LJ45 - Bombardier Learjet 45	7
LJ55 - Bombardier Learjet 55	6
LJ60 - Bombardier Learjet 60	4
LR24 - unknown	0
LR25 - Bombardier Learjet 25	0
LR35 - Learjet 35	2
LR40 - Bombardier Learjet 40	0
LR45 - Learjet 45	0
LR55 - LearJet 55	0
MU30 - Mitsubishi MU300/ Diamond I	4
PRM1 - Raytheon Premier 1/390 Premier 1	0
SBR1 - North American Rockwell Sabre 40/60	2
SBR2 - North American Rockwell Sabre 75	0
WW24 - IAI 1124 Westwind	4
Total	822
% of Total Ops	30.5%



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2004

Rowan County

Annual Operations 2,692

Rotorcraft	
B06 - Agusta AB-206 LongRanger	0
B40 - Bell 407	0
B407 - Bell 407	0
B412 - Bell 412 Sentinel	1
B222 - Bell 222	0
EXP - McDonnell MD-902 Explorer	0
H72 - UH-72 Lakota is a twin-engine	0
H60 - Sikorsky SH-60 Seahawk	0
UH1 - Bell 204	0
S76 - Sikorsky S-76	0
TH57 - Bell TH57	0
UH60 - Blackhawk Helicopter	0
AS65 - Aérospatiale AS-366	0
B230 - Bell 230	1
EC35 - Eurocopter EC-135	0
EC45 - Eurocopter EC-145	0
Total	2
% of Total Ops	0.1%



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2005

Rowan County

Annual Operations

2,935

Single-Engine Piston		Multi-Engine Piston	
AA1 - American AA-1 Trainer	1	AC50 - Aero Commander 500	0
AA5 - American AA-5 Traveler	1	AC6L - Aero Commander 680FL	0
AA5A - American AA-5 Cheetah	0	AEST - Piper Aero Star	4
AA5B - American Traveler	0	BE18 - Beech 18	0
AC11 - North American Commander 112	1	BE50 - Beech Twin Bonanza	0
AC12 - Rockwell Commander 112	1	BE55 - Beech Baron 55	89
AC14 - Aero Commander AC-14	0	BE58 - Beech 58	118
AG5B - Lancair Tiger AG5B	1	BE60 - Beech 60 Duke	44
BL26 - Viking; Bellanca Aircraft	0	BE65 - Beech 65 Queen Air	0
BE23 - Beech 23 Sundowner	1	BE76 - Beech 76 Duchess	0
BE24 - Beech 24 Sierra	1	BE95 - Beech 95 Travel Air	2
BE33 - Beech Bonanza 33	21	C303 - Cessna T303 Crusader	0
BE35 - Beech Bonanza 35	114	C310 - Cessna 310	21
BE36 - Beech Bonanza 36	211	C320 - Cessna Skyknight	0
BL17 - Bellanca Viking	2	C82 - Fairchild F-78 Packet	2
C140 - Cessna 140	0	C335 - Cessna 335	0
C150 - Cessna 150	1	C337 - Cessna Turbo Super Skymaster	2
C152 - Cessna 152	0	C340 - Cessna 340	3
C170 - Cessna 170	0	C401 - Cessna C-401	0
C172 - Cessna Skyhawk 172/Cutlass	116	C402 - Cessna 401/402	11
C177 - Cessna 177 Cardinal	11	C414 - Cessna Chancellor 414	59
C180 - Cessna 180	5	C421 - Cessna Golden Eagle 421	21
C182 - Cessna Skylane 182	39	DA42 - Diamond Twin Star	0
C185 - Cessna Skywagon 185	0	DC3 - Boeing (Douglas) DC 3	0
C195 - Cessna 195	0	DHC2 - De Havilland Canada DHC-2 Beaver	0
C205 - Cessna 205	0	PA23 - Piper PA-23	3
C206 - Cessna 206 Stationair	2	PA27 - Piper Aztec	10
C210 - Cessna 210 Centurion	44	PA30 - Piper PA-30	6
C72 - Cessna C-175	0	PA31 - Piper Navajo PA-31	47
C72R - Cessna Cutlass RG	1	PA34 - Piper PA-34 Seneca	9
C77R - Cessna Cardinal RG	22	PASE - Piper PA 31 Seneca	0
C82R - Cessna Skylane RG	1	P34T - Piper PA-34 Seneca	0
C82T - Skyland RG Turbo	0	PA44 - Piper Seminole	7
C90 - Cessna 190	0	PAZT - Piper Aztec	0
COL - Lancair Columbia All Series	0		
COL3 - Lancair LC-40 Columbia 400	52		
COL4 - Lancair LC-41 Columbia 400	5		
DA20 - Diamond DA 20	0		
DA40 - Diamond Star DA40	0		
GA7 - Grumman American Cougar	0		
GLAS - New Glasair	0		
HUSK - Aviat A-1 Husky Pup	0		
LA25 - Lake Turbo Seafury	0		
LA4 - Lake LA-4	0		
LC40 - Lancair LC-40	2		
LC42 - Lancair LC-42	20		
LEG2 - Lancair Legacy 2000	0		
LNCE - Lancair Super ES	0		
M20 - Mooney M-20C Ranger	2		
		Total	458
		% of Total Ops	15.6%



ROWAN COUNTY AIRPORT

AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2005

Rowan County

Annual Operations

2,935

Single-Engine Piston		Multi-Engine Piston
M200 - Aero Commander 200	1	
M20A - Mooney M-20C Ranger	0	
M20C - Mooney M-20C Ranger	0	
M20E - Mooney M-20	0	
M20J - Mooney M-205	2	
M20K - Mooney M-20	1	
M20P - Mooney M-20C Ranger	23	
M20R - Mooney M-20	0	
M20T - Turbo Mooney M20K	1	
M5 - Maule M-5 Strata Rocket	0	
M6 - Maule M-6 Super Rocket	0	
M7 - Maule M-7-235 Orion	2	
MO20 - Mooney M-20	0	
MO21 - Mooney Mark 21	0	
P23R - Piper Aztec PA23	0	
P23 - Pottier P-230 Panda	0	
NAVI - C335	2	
P210 - Riley Super P210	0	
P28 - Piper Cherokee	3	
P28A - Piper Cherokee	31	
P28B - Piper Turbo Dakota	3	
P28R - Cherokee Arrow/Turbo	17	
P28T - Piper Arrow 4	0	
P32 - Embraer Lance 2	0	
P32A - Embraer Lance 2	7	
P32R - Piper 32	16	
P32T - Embraer Lance 2	0	
P51 - North American P-51 Mustang	0	
PA20 - Piper PA-20 Pacer	0	
PA22 - Piper PA-22 Tri-Pacer	0	
PA24 - Piper PA-24	2	
PA28 - Piper Cherokee	21	
PA32 - Piper Cherokee Six	84	
PA38 - Piper Tomahawk PA38	0	
PARO - Piper Cherokee Arrow	0	
RV6 - AIEP Air Beetle	3	
RV8 - RV-4/6/7/8; VANS	0	
RV9 - Experimental	0	
SR20 - Cirrus SR-20	4	
SR22 - Cirrus SR 22	29	
T182 - Cessna T182	0	
T6 - North American T-6 Texan	0	
TAMP - Socata TB-9 Tampico	4	
TB21 - Socata TB-21	0	
XL2 - Liberty XL-2	0	
TRIN - Socata TB-21 Trinidad	5	
Z43 - Zlin Z-43	0	
Total	938	
% of Total Ops	32.0%	



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2005

Rowan County

Annual Operations

2,935

Turbo-Prop	
AC90 - Gulfstream Commander	0
AC95 - Gulfstream Jetprop Commander 1000	0
B190 - Beech 1900/C-12J	4
B350 - Beech Super King Air 350	72
B36T - Allison 36 Turbine Bonanza	0
BN2T - Britten Norman BN 2T	0
BE10 - Beech King Air 100 A/B	10
BE20 - Beech 200 Super King	155
BE30 - Raytheon 300 Super King Air	8
BE90 - Beech King Air 90	2
BE9L - Beech King Air 90	106
B9T - Raytheon 90 (F90)	0
BE9 - Beechcraft C99 Airliner; Beech Aircraft	1
BE9T - Beech F90 King Air	31
C130 - Lockheed 130 Hercules	0
C12 - CS2 C212 CASA/IPTN 212 Aviocar	0
C208 - Cessna 208 Caravan	10
C212 - CASA Aviocar	0
C425 - Cessna 425 Corsair	2
C441 - Cessna Conquest	3
CVLP - Convair CV-440 Metropolitan	0
CN35 - CASA CN-235	0
CV58 - Convair CV58	0
CVLT - Convair CV-540/580/600/640, VC-131H	6
E110 - Embraer EMB110	4
E120 - Embraer Brasilia EMB 120	0
F406 - Cessna F406 Vigilant	0
JS31 - BAe-3100 Jetstream	0
JS32 - BAe Jetstream 31	0
MU2 - Mitsubishi Marquise/Solitaire	9
P180 - Piaggio P-180 Avanti	0
PA46 - Piper Malibu	20
P46T - Piper Malibu Meridian	1
PAY1 - Piper Cheyenne 1	14
PAY2 - Piper Cheyenne 2	9
PAY3 - Piper PA-42-720 Cheyenne 3	4
PAY4 - Piper Cheyenne 400	0
PAYE - Cheyenne	0
PC12 - Pilatus PC-12	8
SH33 - Shorts 330	0
SH36 - Shorts 360	0
SW2 - Swearingen Merlin 2	0
SW3 - Fairchild Swearingen SA-226T/TB Merlin 3	0
SW4 - Swearingen Merlin 4/4A Metro2	2
TBM7 - Socata TBM-7	6
TBM8 - Socata TBM-850	0
TEX2 - Raytheon Texan 2	0
Total	487
% of Total Ops	16.6%



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2005

Rowan County

Annual Operations

2,935

Jet	
ASTR - IAI Astra 1125	2
B734 - Boeing 737-400	0
B737 - Boeing 737-700	0
BE40 - Raytheon/Beech Beechjet 400/T-1	378
C25A - Cessna Citation CJ2	4
C25B - Cessna Citation CJ3	0
C500 - Cessna 500/Citation I	2
C501 - Cessna I/SP	12
C510 - Cessna Citation Mustang	0
C525 - Cessna CitationJet/CJ1	31
C550 - Cessna Citation II/Bravo	35
C560 - Cessna Citation V/Ultra/Encore	48
C56X - Cessna Excel/XLS	279
C650 - Cessna III/VI/VII	34
C680 - Cessna Citation Sovereign	2
C750 - Cessna Citation X	6
CL30 - Bombardier (Canadair) Challenger 300	2
CL60 - Bombardier Challenger 600/601/604	0
CL64 - unknown	0
CRJ2 - Bombardier CRJ-200	0
DA10 - Dassault Falcon/Mystère 10	2
DA90 - Dassault Falcon 900	0
E135 - Embraer ERJ 135/140/Legacy	4
E145 - Embraer ERJ-145	0
E50P - Embraer Phenom 100	0
E55P - Embraer Phenom 300	0
EA50 - Eclipse 500	0
F2TH - Dassault Falcon 2000	2
F900 - Dassault Falcon 900	2
FA10 - Dassault Falcon/Mystère 10	47
FA20 - Dassault Falcon/Mystère 20	13
FA7X - Dassault Falcon F7X	0
FA50 - Dassault Falcon/Mystère 50	4
FOUG - Fouga Magister/Tzukit	0
G150 - Gulfstream G150	0
G159 - Gulfstream Aerospace G 159/VC-4	0
G280 - Gulfstream G280	0
GALX - IAI 1126 Galaxy/Gulfstream G200	14
GL5T - Bombardier BD-700 Global 5000	0
GLEX - Bombardier BD-700 Global Express	0
GLF2 - Gulfstream II/G200	0
GLF3 - Gulfstream III/G300	6
GLF4 - Gulfstream IV/G400	15
GLF5 - Gulfstream V/G500	0
H25A - BAe HS 125-1/2/3/400/600	0
H25B - BAe HS 125/700-800/Hawker 800	41
H25C - BAe/Raytheon HS 125-1000/Hawker 1000	4
HA4T - Hawker 4000	0
HS25 - BAe HS 125, British Aerospace	0



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2005

Rowan County

Annual Operations

2,935

Jet	
L29B - Lockheed L-1329 Jetstar 731	0
L39 - Aero L-139 Albatross	0
LJ24 - Bombardier Learjet 24	6
LJ25 - Bombardier Learjet 25	17
LJ31 - Bombardier Learjet 31/A/B	18
LJ35 - Bombardier Learjet 35/36	4
LJ40 - Learjet 40; Gates Learjet	0
LJ45 - Bombardier Learjet 45	10
LJ55 - Bombardier Learjet 55	0
LJ60 - Bombardier Learjet 60	1
LR24 - unknown	1
LR25 - Bombardier Learjet 25	0
LR35 - Learjet 35	0
LR40 - Bombardier Learjet 40	0
LR45 - Learjet 45	0
LR55 - LearJet 55	0
MU30 - Mitsubishi MU300/ Diamond I	4
PRM1 - Raytheon Premier 1/390 Premier 1	0
SBR1 - North American Rockwell Sabre 40/60	2
SBR2 - North American Rockwell Sabre 75	0
WW24 - IAI 1124 Westwind	0
Total	1,052
% of Total Ops	35.8%



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2005

Rowan County

Annual Operations

2,935

Rotorcraft	
B06 - Agusta AB-206 LongRanger	0
B40 - Bell 407	0
B407 - Bell 407	0
B412 - Bell 412 Sentinel	0
B222 - Bell 222	0
EXP - McDonnell MD-902 Explorer	0
H72 - UH-72 Lakota is a twin-engine	0
H60 - Sikorsky SH-60 Seahawk	0
UH1 - Bell 204	0
S76 - Sikorsky S-76	0
TH57 - Bell TH57	0
UH60 - Blackhawk Helicopter	0
AS65 - Aérospatiale AS-366	0
B230 - Bell 230	0
EC35 - Eurocopter EC-135	0
EC45 - Eurocopter EC-145	0
Total	0
% of Total Ops	0.0%



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2006

Rowan County

Annual Operations

3,115

Single-Engine Piston		Multi-Engine Piston	
AA1 - American AA-1 Trainer	0	AC50 - Aero Commander 500	0
AA5 - American AA-5 Traveler	2	AC6L - Aero Commander 680FL	6
AA5A - American AA-5 Cheetah	0	AEST - Piper Aero Star	4
AA5B - American Traveler	0	BE18 - Beech 18	0
AC11 - North American Commander 112	8	BE50 - Beech Twin Bonanza	0
AC12 - Rockwell Commander 112	0	BE55 - Beech Baron 55	38
AC14 - Aero Commander AC-14	0	BE58 - Beech 58	205
AG5B - Lancair Tiger AG5B	0	BE60 - Beech 60 Duke	50
BL26 - Viking Bellanca Aircraft	0	BE65 - Beech 65 Queen Air	0
BE23 - Beech 23 Sundowner	0	BE76 - Beech 76 Duchess	1
BE24 - Beech 24 Sierra	0	BE95 - Beech 95 Travel Air	1
BE33 - Beech Bonanza 33	31	C303 - Cessna T303 Crusader	0
BE35 - Beech Bonanza 35	111	C310 - Cessna 310	34
BE36 - Beech Bonanza 36	203	C320 - Cessna Skyknight	1
BL17 - Bellanca Viking	0	C82 - Fairchild F-78 Packet	0
C140 - Cessna 140	0	C335 - Cessna 335	0
C150 - Cessna 150	5	C337 - Cessna Turbo Super Skymaster	8
C152 - Cessna 152	0	C340 - Cessna 340	9
C170 - Cessna 170	0	C401 - Cessna C-401	0
C172 - Cessna Skyhawk 172/Cutlass	111	C402 - Cessna 401/402	0
C177 - Cessna 177 Cardinal	15	C414 - Cessna Chancellor 414	16
C180 - Cessna 180	2	C421 - Cessna Golden Eagle 421	11
C182 - Cessna Skylane 182	85	DA42 - Diamond Twin Star	0
C185 - Cessna Skywagon 185	9	DC3 - Boeing (Douglas) DC 3	3
C195 - Cessna 195	0	DHC2 - De Havilland Canada DHC-2 Beaver	0
C205 - Cessna 205	0	PA23 - Piper PA-23	2
C206 - Cessna 206 Stationair	4	PA27 - Piper Aztec	6
C210 - Cessna 210 Centurion	66	PA30 - Piper PA-30	3
C72 - Cessna C-175	1	PA31 - Piper Navajo PA-31	29
C72R - Cessna Cutlass RG	4	PA34 - Piper PA-34 Seneca	13
C77R - Cessna Cardinal RG	8	PASE - Piper PA 31 Seneca	2
C82R - Cessna Skylane RG	6	P34T - Piper PA-34 Seneca	0
C82T - Skyland RG Turbo	2	PA44 - Piper Seminole	4
C90 - Cessna 190	0	PAZT - Piper Aztec	0
COL - Lancair Columbia All Series	1	Total	446
COL3 - Lancair LC-40 Columbia 400	35	% of Total Ops	14.3%
COL4 - Lancair LC-41 Columbia 400	0		
DA20 - Diamond DA 20	0		
DA40 - Diamond Star DA40	2		
GA7 - Grumman American Cougar	0		
GLAS - New Glasair	0		
HUSK - Aviat A-1 Husky Pup	0		
LA25 - Lake Turbo Seafury	3		
LA4 - Lake LA-4	0		
LC40 - Lancair LC-40	0		
LC42 - Lancair LC-42	0		
LEG2 - Lancair Legacy 2000	0		
LNCE - Lancair Super ES	0		
M20 - Mooney M-20C Ranger	5		



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2006

Rowan County

Annual Operations

3,115

Single-Engine Piston		Multi-Engine Piston
M200 - Aero Commander 200	0	
M20A - Mooney M-20C Ranger	0	
M20C - Mooney M-20C Ranger	0	
M20E - Mooney M-20	0	
M20J - Mooney M-205	0	
M20K - Mooney M-20	0	
M20P - Mooney M-20C Ranger	45	
M20R - Mooney M-20	0	
M20T - Turbo Mooney M20K	6	
M5 - Maule M-5 Strata Rocket	0	
M6 - Maule M-6 Super Rocket	0	
M7 - Maule M-7-235 Orion	4	
MO20 - Mooney M-20	2	
MO21 - Mooney Mark 21	1	
P23R - Piper Aztec PA23	0	
P23 - Pottier P-230 Panda	0	
NAVI - C335	1	
P210 - Riley Super P210	0	
P28 - Piper Cherokee	2	
P28A - Piper Cherokee	40	
P28B - Piper Turbo Dakota	3	
P28R - Cherokee Arrow/Turbo	16	
P28T - Piper Arrow 4	0	
P32 - Embraer Lance 2	0	
P32A - Embraer Lance 2	3	
P32R - Piper 32	27	
P32T - Embraer Lance 2	4	
P51 - North American P-51 Mustang	0	
PA20 - Piper PA-20 Pacer	0	
PA22 - Piper PA-22 Tri-Pacer	0	
PA24 - Piper PA-24	5	
PA28 - Piper Cherokee	17	
PA32 - Piper Cherokee Six	89	
PA38 - Piper Tomahawk PA38	0	
PARO - Piper Cherokee Arrow	0	
RV6 - AIEP Air Beetle	2	
RV8 - RV-4/6/7/8; VANS	0	
RV9 - Experimental	0	
SR20 - Cirrus SR-20	21	
SR22 - Cirrus SR 22	62	
T182 - Cessna T182	0	
T6 - North American T-6 Texan	0	
TAMP - Socata TB-9 Tampico	0	
TB21 - Socata TB-21	0	
XL2 - Liberty XL-2	0	
TRIN - Socata TB-21 Trinidad	4	
Z43 - Zlin Z-43	0	
Total	1,073	
% of Total Ops	34.4%	



ROWAN COUNTY AIRPORT

AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2006

Rowan County

Annual Operations

3,115

Turbo-Prop	
AC90 - Gulfstream Commander	0
AC95 - Gulfstream Jetprop Commander 1000	0
B190 - Beech 1900/C-12J	2
B350 - Beech Super King Air 350	87
B36T - Allison 36 Turbine Bonanza	0
BN2T - Britten Norman BN 2T	0
BE10 - Beech King Air 100 A/B	13
BE20 - Beech 200 Super King	136
BE30 - Raytheon 300 Super King Air	14
BE90 - Beech King Air 90	3
BE9L - Beech King Air 90	119
B9T - Raytheon 90 (F90)	0
BE9 - Beechcraft C99 Airliner; Beech Aircraft	0
BE9T - Beech F90 King Air	30
C130 - Lockheed 130 Hercules	0
C12 - CS2 C212 CASA/IPTN 212 Aviocar	0
C208 - Cessna 208 Caravan	6
C212 - CASA Aviocar	0
C425 - Cessna 425 Corsair	2
C441 - Cessna Conquest	2
CVLP - Convair CV-440 Metropolitan	0
CN35 - CASA CN-235	0
CV58 - Convair CV58	0
CVLT - Convair CV-540/580/600/640, VC-131H	4
E110 - Embraer EMB110	6
E120 - Embraer Brasilia EMB 120	38
F406 - Cessna F406 Vigilant	0
JS31 - BAe-3100 Jetstream	0
JS32 - BAe Jetstream 31	0
MU2 - Mitsubishi Marquise/Solitaire	5
P180 - Piaggio P-180 Avanti	5
PA46 - Piper Malibu	6
P46T - Piper Malibu Meridian	2
PAY1 - Piper Cheyenne 1	19
PAY2 - Piper Cheyenne 2	13
PAY3 - Piper PA-42-720 Cheyenne 3	0
PAY4 - Piper Cheyenne 400	0
PAYE - Cheyenne	1
PC12 - Pilatus PC-12	21
SH33 - Shorts 330	0
SH36 - Shorts 360	0
SW2 - Swearingen Merlin 2	0
SW3 - Fairchild Swearingen SA-226T/TB Merlin 3	0
SW4 - Swearingen Merlin 4/4A Metro2	0
TBM7 - Socata TBM-7	8
TBM8 - Socata TBM-850	0
TEX2 - Raytheon Texan 2	0
Total	542
% of Total Ops	17.4%



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2006

Rowan County

Annual Operations

3,115

Jet	
ASTR - IAI Astra 1125	6
B734 - Boeing 737-400	0
B737 - Boeing 737-700	1
BE40 - Raytheon/Beech Beechjet 400/T-1	47
C25A - Cessna Citation CJ2	2
C25B - Cessna Citation CJ3	1
C500 - Cessna 500/Citation I	2
C501 - Cessna I/SP	9
C510 - Cessna Citation Mustang	0
C525 - Cessna CitationJet/CJ1	20
C550 - Cessna Citation II/Bravo	22
C560 - Cessna Citation V/Ultra/Encore	84
C56X - Cessna Excel/XLS	583
C650 - Cessna III/VI/VII	48
C680 - Cessna Citation Sovereign	4
C750 - Cessna Citation X	6
CL30 - Bombardier (Canadair) Challenger 300	0
CL60 - Bombardier Challenger 600/601/604	8
CL64 - unknown	0
CRJ2 - Bombardier CRJ-200	0
DA10 - Dassault Falcon/Mystère 10	0
DA90 - Dassault Falcon 900	0
E135 - Embraer ERJ 135/140/Legacy	0
E145 - Embraer ERJ-145	1
E50P - Embraer Phenom 100	0
E55P - Embraer Phenom 300	0
EA50 - Eclipse 500	0
F2TH - Dassault Falcon 2000	0
F900 - Dassault Falcon 900	0
FA10 - Dassault Falcon/Mystère 10	4
FA20 - Dassault Falcon/Mystère 20	22
FA7X - Dassault Falcon F7X	0
FA50 - Dassault Falcon/Mystère 50	9
FOUG - Fouga Magister/Tzukit	0
G150 - Gulfstream G150	0
G159 - Gulfstream Aerospace G 159/VC-4	0
G280 - Gulfstream G280	0
GALX - IAI 1126 Galaxy/Gulfstream G200	6
GL5T - Bombardier BD-700 Global 5000	0
GLEX - Bombardier BD-700 Global Express	0
GLF2 - Gulfstream II/G200	4
GLF3 - Gulfstream III/G300	0
GLF4 - Gulfstream IV/G400	16
GLF5 - Gulfstream V/G500	4
H25A - BAe HS 125-1/2/3/400/600	0
H25B - BAe HS 125/700-800/Hawker 800	22
H25C - BAe/Raytheon HS 125-1000/Hawker 1000	0
HA4T - Hawker 4000	0
HS25 - BAe HS 125, British Aerospace	1



ROWAN COUNTY AIRPORT

AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2006

Rowan County

Annual Operations

3,115

Jet	
L29B - Lockheed L-1329 Jetstar 731	0
L39 - Aero L-139 Albatross	0
LJ24 - Bombardier Learjet 24	7
LJ25 - Bombardier Learjet 25	14
LJ31 - Bombardier Learjet 31/A/B	36
LJ35 - Bombardier Learjet 35/36	11
LJ40 - Learjet 40; Gates Learjet	6
LJ45 - Bombardier Learjet 45	33
LJ55 - Bombardier Learjet 55	0
LJ60 - Bombardier Learjet 60	8
LR24 - unknown	0
LR25 - Bombardier Learjet 25	0
LR35 - Learjet 35	0
LR40 - Bombardier Learjet 40	0
LR45 - Learjet 45	0
LR55 - LearJet 55	0
MU30 - Mitsubishi MU300/ Diamond I	2
PRM1 - Raytheon Premier 1/390 Premier 1	4
SBR1 - North American Rockwell Sabre 40/60	0
SBR2 - North American Rockwell Sabre 75	0
VW24 - IAI 1124 Westwind	0
Total	1,053
% of Total Ops	33.8%



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2006

Rowan County

Annual Operations

3,115

Rotorcraft	
B06 - Agusta AB-206 LongRanger	0
B40 - Bell 407	0
B407 - Bell 407	0
B412 - Bell 412 Sentinel	1
B222 - Bell 222	0
EXP - McDonnell MD-902 Explorer	0
H72 - UH-72 Lakota is a twin-engine	0
H60 - Sikorsky SH-60 Seahawk	0
UH1 - Bell 204	0
S76 - Sikorsky S-76	0
TH57 - Bell TH57	0
UH60 - Blackhawk Helicopter	0
AS65 - Aérospatiale AS-366	0
B230 - Bell 230	0
EC35 - Eurocopter EC-135	0
EC45 - Eurocopter EC-145	0
Total	1
% of Total Ops	0.0%



ROWAN COUNTY AIRPORT

AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2007

Rowan County

Annual Operations

3,087

Single-Engine Piston		Multi-Engine Piston	
AA1 - American AA-1 Trainer	1	AC50 - Aero Commander 500	1
AA5 - American AA-5 Traveler	14	AC6L - Aero Commander 680FL	0
AA5A - American AA-5 Cheetah	0	AEST - Piper Aero Star	16
AA5B - American Traveler	0	BE18 - Beech 18	0
AC11 - North American Commander 112	1	BE50 - Beech Twin Bonanza	0
AC12 - Rockwell Commander 112	0	BE55 - Beech Baron 55	60
AC14 - Aero Commander AC-14	0	BE58 - Beech 58	144
AG5B - Lancair Tiger AG5B	0	BE60 - Beech 60 Duke	60
BL26 - Viking; Bellanca Aircraft	0	BE65 - Beech 65 Queen Air	8
BE23 - Beech 23 Sundowner	1	BE76 - Beech 76 Duchess	4
BE24 - Beech 24 Sierra	7	BE95 - Beech 95 Travel Air	2
BE33 - Beech Bonanza 33	48	C303 - Cessna T303 Crusader	0
BE35 - Beech Bonanza 35	97	C310 - Cessna 310	20
BE36 - Beech Bonanza 36	250	C320 - Cessna Skyknight	0
BL17 - Bellanca Viking	0	C82 - Fairchild F-78 Packet	0
C140 - Cessna 140	0	C335 - Cessna 335	0
C150 - Cessna 150	3	C337 - Cessna Turbo Super Skymaster	0
C152 - Cessna 152	0	C340 - Cessna 340	19
C170 - Cessna 170	0	C401 - Cessna C-401	0
C172 - Cessna Skyhawk 172/Cutlass	107	C402 - Cessna 401/402	10
C177 - Cessna 177 Cardinal	17	C414 - Cessna Chancellor 414	12
C180 - Cessna 180	3	C421 - Cessna Golden Eagle 421	25
C182 - Cessna Skylane 182	75	DA42 - Diamond Twin Star	2
C185 - Cessna Skywagon 185	20	DC3 - Boeing (Douglas) DC 3	1
C195 - Cessna 195	0	DHC2 - De Havilland Canada DHC-2 Beaver	0
C205 - Cessna 205	0	PA23 - Piper PA-23	0
C206 - Cessna 206 Stationair	6	PA27 - Piper Aztec	13
C210 - Cessna 210 Centurion	71	PA30 - Piper PA-30	4
C72 - Cessna C-175	0	PA31 - Piper Navajo PA-31	42
C72R - Cessna Cutlass RG	0	PA34 - Piper PA-34 Seneca	15
C77R - Cessna Cardinal RG	4	PASE - Piper PA 31 Seneca	0
C82R - Cessna Skylane RG	4	P34T - Piper PA-34 Seneca	0
C82T - Skylane RG, Turbo	4	PA44 - Piper Seminole	2
C90 - Cessna 190	0	PAZT - Piper Aztec	0
COL - Lancair Columbia All Series	0	Total	460
COL3 - Lancair LC-40 Columbia 400	24	% of Total Ops	14.9%
COL4 - Lancair LC-41 Columbia 400	2		
DA20 - Diamond DA 20	0		
DA40 - Diamond Star DA40	7		
GA7 - Grumman American Cougar	0		
GLAS - New Glasair	0		
HUSK - Aviat A-1 Husky Pup	0		
LA25 - Lake Turbo Seafury	0		
LA4 - Lake LA-4	0		
LC40 - Lancair LC-40	0		
LC42 - Lancair LC-42	0		
LEG2 - Lancair Legacy 2000	0		
LNCE - Lancair Super ES	1		
M20 - Mooney M-20C Ranger	0		



ROWAN COUNTY AIRPORT

AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2007

Rowan County

Annual Operations

3,087

Single-Engine Piston		Multi-Engine Piston
M200 - Aero Commander 200	0	
M20A - Mooney M-20C Ranger	0	
M20C - Mooney M-20C Ranger	0	
M20E - Mooney M-20	2	
M20J - Mooney M-205	0	
M20K - Mooney M-20	1	
M20P - Mooney M-20C Ranger	40	
M20R - Mooney M-20	0	
M20T - Turbo Mooney M20K	8	
M5 - Maule M-5 Strata Rocket	0	
M6 - Maule M-6 Super Rocket	0	
M7 - Maule M-7-235 Orion	2	
MO20 - Mooney M-20	3	
MO21 - Mooney Mark 21	1	
P23R - Piper Aztec PA23	0	
P23 - Pottier P-230 Panda	0	
NAVI - C335	6	
P210 - Riley Super P210	0	
P28 - Piper Cherokee	2	
P28A - Piper Cherokee	39	
P28B - Piper Turbo Dakota	3	
P28R - Cherokee Arrow/Turbo	27	
P28T - Piper Arrow 4	0	
P32 - Embraer Lance 2	0	
P32A - Embraer Lance 2	0	
P32R - Piper 32	36	
P32T - Embraer Lance 2	0	
P51 - North American P-51 Mustang	0	
PA20 - Piper PA-20 Pacer	0	
PA22 - Piper PA-22 Tri-Pacer	0	
PA24 - Piper PA-24	14	
PA28 - Piper Cherokee	5	
PA32 - Piper Cherokee Six	69	
PA38 - Piper Tomahawk PA38	0	
PARO - Piper Cherokee Arrow	0	
RV6 - AIEP Air Beetle	6	
RV8 - RV-4/6/7/8; VANS	2	
RV9 - Experimental	0	
SR20 - Cirrus SR-20	7	
SR22 - Cirrus SR 22	62	
T182 - Cessna T182	1	
T6 - North American T-6 Texan	2	
TAMP - Socata TB-9 Tampico	0	
TB21 - Socata TB-21	0	
XL2 - Liberty XL-2	0	
TRIN - Socata TB-21 Trinidad	8	
Z43 - Zlin Z-43	0	
Total	1,112	
% of Total Ops	36.0%	



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2007

Rowan County

Annual Operations

3,087

Turbo-Prop	
AC90 - Gulfstream Commander	0
AC95 - Gulfstream Jetprop Commander 1000	0
B190 - Beech 1900/C-12J	0
B350 - Beech Super King Air 350	77
B36T - Allison 36 Turbine Bonanza	0
BN2T - Britten Norman BN 2T	0
BE10 - Beech King Air 100 A/B	4
BE20 - Beech 200 Super King	164
BE30 - Raytheon 300 Super King Air	20
BE90 - Beech King Air 90	2
BE9L - Beech King Air 90	125
B9T - Raytheon 90 (F90)	0
BE9 - Beechcraft C99 Airliner; Beech Aircraft	0
BE9T - Beech F90 King Air	25
C130 - Lockheed 130 Hercules	0
C12 - CS2 C212 CASA/IPTN 212 Aviocar	0
C208 - Cessna 208 Caravan	2
C212 - CASA Aviocar	0
C425 - Cessna 425 Corsair	3
C441 - Cessna Conquest	2
CVLP - Convair CV-440 Metropolitan	0
CN35 - CASA CN-235	0
CV58 - Convair CV58	0
CVLT - Convair CV-540/580/600/640, VC-131H	4
E110 - Embraer EMB110	3
E120 - Embraer Brasilia EMB 120	0
F406 - Cessna F406 Vigilant	0
JS31 - BAe-3100 Jetstream	0
JS32 - BAe Jetstream 31	0
MU2 - Mitsubishi Marquise/Solitaire	0
P180 - Piaggio P-180 Avanti	6
PA46 - Piper Malibu	3
P46T - Piper Malibu Meridian	0
PAY1 - Piper Cheyenne 1	10
PAY2 - Piper Cheyenne 2	11
PAY3 - Piper PA-42-720 Cheyenne 3	0
PAY4 - Piper Cheyenne 400	0
PAYE - Cheyenne	0
PC12 - Pilatus PC-12	30
SH33 - Shorts 330	0
SH36 - Shorts 360	0
SW2 - Swearingen Merlin 2	0
SW3 - Fairchild Swearingen SA-226T/TB Merlin 3	0
SW4 - Swearingen Merlin 4/4A Metro2	3
TBM7 - Socata TBM-7	18
TBM8 - Socata TBM-850	0
TEX2 - Raytheon Texan 2	0
Total	512
% of Total Ops	16.6%



ROWAN COUNTY AIRPORT

AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2007

Rowan County

Annual Operations

3,087

Jet	
ASTR - IAI Astra 1125	0
B734 - Boeing 737-400	0
B737 - Boeing 737-700	0
BE40 - Raytheon/Beech Beechjet 400/T-1	83
C25A - Cessna Citation CJ2	10
C25B - Cessna Citation CJ3	0
C500 - Cessna 500/Citation I	3
C501 - Cessna I/SP	6
C510 - Cessna Citation Mustang	2
C525 - Cessna CitationJet/CJ1	43
C550 - Cessna Citation II/Bravo	27
C560 - Cessna Citation V/Ultra/Encore	109
C56X - Cessna Excel/XLS	531
C650 - Cessna III/VI/VII	28
C680 - Cessna Citation Sovereign	6
C750 - Cessna Citation X	6
CL30 - Bombardier (Canadair) Challenger 300	0
CL60 - Bombardier Challenger 600/601/604	10
CL64 - unknown	0
CRJ2 - Bombardier CRJ-200	1
DA10 - Dassault Falcon/Mystère 10	0
DA90 - Dassault Falcon 900	0
E135 - Embraer ERJ 135/140/Legacy	0
E145 - Embraer ERJ-145	0
E50P - Embraer Phenom 100	0
E55P - Embraer Phenom 300	0
EA50 - Eclipse 500	0
F2TH - Dassault Falcon 2000	0
F900 - Dassault Falcon 900	2
FA10 - Dassault Falcon/Mystère 10	7
FA20 - Dassault Falcon/Mystère 20	6
FA7X - Dassault Falcon F7X	0
FA50 - Dassault Falcon/Mystère 50	4
FOUG - Fouga Magister/Tzukit	0
G150 - Gulfstream G150	2
G159 - Gulfstream Aerospace G 159/VC-4	0
G280 - Gulfstream G280	0
GALX - IAI 1126 Galaxy/Gulfstream G200	2
GL5T - Bombardier BD-700 Global 5000	0
GLEX - Bombardier BD-700 Global Express	0
GLF2 - Gulfstream II/G200	4
GLF3 - Gulfstream III/G300	0
GLF4 - Gulfstream IV/G400	7
GLF5 - Gulfstream V/G500	4
H25A - BAe HS 125-1/2/3/400/600	1
H25B - BAe HS 125/700-800/Hawker 800	31
H25C - BAe/Raytheon HS 125-1000/Hawker 1000	0
HA4T - Hawker 4000	0
HS25 - BAe HS 125, British Aerospace	0



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2007

Rowan County

Annual Operations

3,087

Jet	
L29B - Lockheed L-1329 Jetstar 731	0
L39 - Aero L-139 Albatross	0
LJ24 - Bombardier Learjet 24	2
LJ25 - Bombardier Learjet 25	4
LJ31 - Bombardier Learjet 31/A/B	12
LJ35 - Bombardier Learjet 35/36	4
LJ40 - Learjet 40; Gates Learjet	6
LJ45 - Bombardier Learjet 45	26
LJ55 - Bombardier Learjet 55	2
LJ60 - Bombardier Learjet 60	0
LR24 - unknown	0
LR25 - Bombardier Learjet 25	0
LR35 - Learjet 35	0
LR40 - Bombardier Learjet 40	2
LR45 - Learjet 45	0
LR55 - LearJet 55	0
MU30 - Mitsubishi MU300/ Diamond I	6
PRM1 - Raytheon Premier 1/390 Premier 1	0
SBR1 - North American Rockwell Sabre 40/60	2
SBR2 - North American Rockwell Sabre 75	0
VW24 - IAI 1124 Westwind	0
Total	1,001
% of Total Ops	32.4%



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2007

Rowan County

Annual Operations

3,087

Rotorcraft	
B06 - Agusta AB-206 LongRanger	0
B40 - Bell 407	0
B407 - Bell 407	0
B412 - Bell 412 Sentinel	1
B222 - Bell 222	1
EXP - McDonnell MD-902 Explorer	0
H72 - UH-72 Lakota is a twin-engine	0
H60 - Sikorsky SH-60 Seahawk	0
UH1 - Bell 204	0
S76 - Sikorsky S-76	0
TH57 - Bell TH57	0
UH60 - Blackhawk Helicopter	0
AS65 - Aérospatiale AS-366	0
B230 - Bell 230	0
EC35 - Eurocopter EC-135	0
EC45 - Eurocopter EC-145	0
Total	2
% of Total Ops	0.1%



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2008

Rowan County

Annual Operations

2,960

Single-Engine Piston		Multi-Engine Piston	
AA1 - American AA-1 Trainer	1	AC50 - Aero Commander 500	0
AA5 - American AA-5 Traveler	13	AC6L - Aero Commander 680FL	0
AA5A - American AA-5 Cheetah	1	AEST - Piper Aero Star	16
AA5B - American Traveler	1	BE18 - Beech 18	4
AC11 - North American Commander 112	2	BE50 - Beech Twin Bonanza	0
AC12 - Rockwell Commander 112	0	BE55 - Beech Baron 55	66
AC14 - Aero Commander AC-14	0	BE58 - Beech 58	147
AG5B - Lancair Tiger AG5B	0	BE60 - Beech 60 Duke	47
BL26 - Viking; Bellanca Aircraft	0	BE65 - Beech 65 Queen Air	48
BE23 - Beech 23 Sundowner	2	BE76 - Beech 76 Duchess	5
BE24 - Beech 24 Sierra	2	BE95 - Beech 95 Travel Air	1
BE33 - Beech Bonanza 33	44	C303 - Cessna T303 Crusader	2
BE35 - Beech Bonanza 35	104	C310 - Cessna 310	19
BE36 - Beech Bonanza 36	192	C320 - Cessna Skyknight	0
BL17 - Bellanca Viking	2	C82 - Fairchild F-78 Packet	0
C140 - Cessna 140	0	C335 - Cessna 335	1
C150 - Cessna 150	1	C337 - Cessna Turbo Super Skymaster	1
C152 - Cessna 152	3	C340 - Cessna 340	9
C170 - Cessna 170	0	C401 - Cessna C-401	0
C172 - Cessna Skyhawk 172/Cutlass	120	C402 - Cessna 401/402	2
C177 - Cessna 177 Cardinal	34	C414 - Cessna Chancellor 414	11
C180 - Cessna 180	11	C421 - Cessna Golden Eagle 421	33
C182 - Cessna Skylane 182	127	DA42 - Diamond Twin Star	8
C185 - Cessna Skywagon 185	27	DC3 - Boeing (Douglas) DC 3	2
C195 - Cessna 195	0	DHC2 - De Havilland Canada DHC-2 Beaver	0
C205 - Cessna 205	0	PA23 - Piper PA-23	0
C206 - Cessna 206 Stationair	8	PA27 - Piper Aztec	9
C210 - Cessna 210 Centurion	92	PA30 - Piper PA-30	12
C72 - Cessna C-175	0	PA31 - Piper Navajo PA-31	20
C72R - Cessna Cutlass RG	3	PA34 - Piper PA-34 Seneca	11
C77R - Cessna Cardinal RG	12	PASE - Piper PA 31 Seneca	0
C82R - Cessna Skylane RG	2	P34T - Piper PA-34 Seneca	0
C82T - Skylane RG, Turbo	1	PA44 - Piper Seminole	0
C90 - Cessna 190	0	PAZT - Piper Aztec	0
COL - Lancair Columbia All Series	2	Total	474
COL3 - Lancair LC-40 Columbia 400	5	% of Total Ops	16.0%
COL4 - Lancair LC-41 Columbia 400	12		
DA20 - Diamond DA 20	3		
DA40 - Diamond Star DA40	25		
GA7 - Grumman American Cougar	0		
GLAS - New Glasair	0		
HUSK - Aviat A-1 Husky Pup	2		
LA25 - Lake Turbo Seafury	2		
LA4 - Lake LA-4	2		
LC40 - Lancair LC-40	0		
LC42 - Lancair LC-42	0		
LEG2 - Lancair Legacy 2000	0		
LNCE - Lancair Super ES	2		
M20 - Mooney M-20C Ranger	3		



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2008

Rowan County

Annual Operations

2,960

Single-Engine Piston		Multi-Engine Piston
M200 - Aero Commander 200	0	
M20A - Mooney M-20C Ranger	0	
M20C - Mooney M-20C Ranger	3	
M20E - Mooney M-20	0	
M20J - Mooney M-205	1	
M20K - Mooney M-20	0	
M20P - Mooney M-20C Ranger	54	
M20R - Mooney M-20	0	
M20T - Turbo Mooney M20K	12	
M5 - Maule M-5 Strata Rocket	0	
M6 - Maule M-6 Super Rocket	0	
M7 - Maule M-7-235 Orion	0	
MO20 - Mooney M-20	18	
MO21 - Mooney Mark 21	3	
P23R - Piper Aztec PA23	0	
P23 - Pottier P-230 Panda	0	
NAVI - C335	2	
P210 - Riley Super P210	0	
P28 - Piper Cherokee	1	
P28A - Piper Cherokee	38	
P28B - Piper Turbo Dakota	2	
P28R - Cherokee Arrow/Turbo	24	
P28T - Piper Arrow 4	1	
P32 - Embraer Lance 2	0	
P32A - Embraer Lance 2	0	
P32R - Piper 32	28	
P32T - Embraer Lance 2	2	
P51 - North American P-51 Mustang	0	
PA20 - Piper PA-20 Pacer	0	
PA22 - Piper PA-22 Tri-Pacer	0	
PA24 - Piper PA-24	15	
PA28 - Piper Cherokee	58	
PA32 - Piper Cherokee Six	85	
PA38 - Piper Tomahawk PA38	3	
PARO - Piper Cherokee Arrow	1	
RV6 - AIEP Air Beetle	5	
RV8 - RV-4/6/7/8; VANS	2	
RV9 - Experimental	1	
SR20 - Cirrus SR-20	16	
SR22 - Cirrus SR 22	41	
T182 - Cessna T182	3	
T6 - North American T-6 Texan	1	
TAMP - Socata TB-9 Tampico	0	
TB21 - Socata TB-21	0	
XL2 - Liberty XL-2	0	
TRIN - Socata TB-21 Trinidad	1	
Z43 - Zlin Z-43	0	
Total	1,283	
% of Total Ops	43.3%	



ROWAN COUNTY AIRPORT

AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2008

Rowan County

Annual Operations

2,960

Turbo-Prop	
AC90 - Gulfstream Commander	1
AC95 - Gulfstream Jetprop Commander 1000	0
B190 - Beech 1900/C-12J	0
B350 - Beech Super King Air 350	19
B36T - Allison 36 Turbine Bonanza	0
BN2T - Britten Norman BN 2T	0
BE10 - Beech King Air 100 A/B	4
BE20 - Beech 200 Super King	80
BE30 - Raytheon 300 Super King Air	13
BE90 - Beech King Air 90	3
BE9L - Beech King Air 90	100
B9T - Raytheon 90 (F90)	0
BE9 - Beechcraft C99 Airliner; Beech Aircraft	0
BE9T - Beech F90 King Air	26
C130 - Lockheed 130 Hercules	0
C12 - CS2 C212 CASA/IPTN 212 Aviocar	0
C208 - Cessna 208 Caravan	4
C212 - CASA Aviocar	0
C425 - Cessna 425 Corsair	12
C441 - Cessna Conquest	4
CVLP - Convair CV-440 Metropolitan	0
CN35 - CASA CN-235	0
CV58 - Convair CV58	0
CVLT - Convair CV-540/580/600/640, VC-131H	0
E110 - Embraer EMB110	0
E120 - Embraer Brasilia EMB 120	0
F406 - Cessna F406 Vigilant	0
JS31 - BAe-3100 Jetstream	0
JS32 - BAe Jetstream 31	0
MU2 - Mitsubishi Marquise/Solitaire	4
P180 - Piaggio P-180 Avanti	0
PA46 - Piper Malibu	8
P46T - Piper Malibu Meridian	2
PAY1 - Piper Cheyenne 1	26
PAY2 - Piper Cheyenne 2	5
PAY3 - Piper PA-42-720 Cheyenne 3	0
PAY4 - Piper Cheyenne 400	0
PAYE - Cheyenne	6
PC12 - Pilatus PC-12	41
SH33 - Shorts 330	0
SH36 - Shorts 360	0
SW2 - Swearingen Merlin 2	0
SW3 - Fairchild Swearingen SA-226T/TB Merlin 3	0
SW4 - Swearingen Merlin 4/4A Metro2	2
TBM7 - Socata TBM-7	9
TBM8 - Socata TBM-850	0
TEX2 - Raytheon Texan 2	0
Total	369
% of Total Ops	12.5%



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2008

Rowan County

Annual Operations

2,960

Jet	
ASTR - IAI Astra 1125	10
B734 - Boeing 737-400	0
B737 - Boeing 737-700	0
BE40 - Raytheon/Beech Beechjet 400/T-1	56
C25A - Cessna Citation CJ2	6
C25B - Cessna Citation CJ3	4
C500 - Cessna 500/Citation I	0
C501 - Cessna I/SP	3
C510 - Cessna Citation Mustang	3
C525 - Cessna CitationJet/CJ1	28
C550 - Cessna Citation II/Bravo	15
C560 - Cessna Citation V/Ultra/Encore	101
C56X - Cessna Excel/XLS	455
C650 - Cessna III/VI/VII	17
C680 - Cessna Citation Sovereign	4
C750 - Cessna Citation X	6
CL30 - Bombardier (Canadair) Challenger 300	2
CL60 - Bombardier Challenger 600/601/604	14
CL64 - unknown	0
CRJ2 - Bombardier CRJ-200	0
DA10 - Dassault Falcon/Mystère 10	0
DA90 - Dassault Falcon 900	0
E135 - Embraer ERJ 135/140/Legacy	0
E145 - Embraer ERJ-145	0
E50P - Embraer Phenom 100	0
E55P - Embraer Phenom 300	0
EA50 - Eclipse 500	1
F2TH - Dassault Falcon 2000	2
F900 - Dassault Falcon 900	0
FA10 - Dassault Falcon/Mystère 10	2
FA20 - Dassault Falcon/Mystère 20	4
FA7X - Dassault Falcon F7X	0
FA50 - Dassault Falcon/Mystère 50	6
FOUG - Fouga Magister/Tzukit	0
G150 - Gulfstream G150	2
G159 - Gulfstream Aerospace G 159/VC-4	2
G280 - Gulfstream G280	0
GALX - IAI 1126 Galaxy/Gulfstream G200	2
GL5T - Bombardier BD-700 Global 5000	0
GLEX - Bombardier BD-700 Global Express	0
GLF2 - Gulfstream II/G200	0
GLF3 - Gulfstream III/G300	2
GLF4 - Gulfstream IV/G400	7
GLF5 - Gulfstream V/G500	0
H25A - BAe HS 125-1/2/3/400/600	2
H25B - BAe HS 125/700-800/Hawker 800	21
H25C - BAe/Raytheon HS 125-1000/Hawker 1000	2
HA4T - Hawker 4000	0
HS25 - BAe HS 125; British Aerospace	0



ROWAN COUNTY AIRPORT

AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2008

Rowan County

Annual Operations

2,960

Jet	
L29B - Lockheed L-1329 Jetstar 731	0
L39 - Aero L-139 Albatross	0
LJ24 - Bombardier Learjet 24	1
LJ25 - Bombardier Learjet 25	0
LJ31 - Bombardier Learjet 31/A/B	4
LJ35 - Bombardier Learjet 35/36	2
LJ40 - Learjet 40; Gates Learjet	2
LJ45 - Bombardier Learjet 45	21
LJ55 - Bombardier Learjet 55	2
LJ60 - Bombardier Learjet 60	8
LR24 - unknown	0
LR25 - Bombardier Learjet 25	0
LR35 - Learjet 35	0
LR40 - Bombardier Learjet 40	0
LR45 - Learjet 45	0
LR55 - LearJet 55	0
MU30 - Mitsubishi MU300/ Diamond I	2
PRM1 - Raytheon Premier 1/390 Premier 1	6
SBR1 - North American Rockwell Sabre 40/60	0
SBR2 - North American Rockwell Sabre 75	0
VW24 - IAI 1124 Westwind	0
Total	827
% of Total Ops	27.9%



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2008

Rowan County

Annual Operations

2,960

Rotorcraft	
B06 - Agusta AB-206 LongRanger	0
B40 - Bell 407	0
B407 - Bell 407	0
B412 - Bell 412 Sentinel	0
B222 - Bell 222	0
EXP - McDonnell MD-902 Explorer	4
H72 - UH-72 Lakota is a twin-engine	0
H60 - Sikorsky SH-60 Seahawk	3
UH1 - Bell 204	0
S76 - Sikorsky S-76	0
TH57 - Bell TH57	0
UH60 - Blackhawk Helicopter	0
AS65 - Aérospatiale AS-366	0
B230 - Bell 230	0
EC35 - Eurocopter EC-135	0
EC45 - Eurocopter EC-145	0
Total	7
% of Total Ops	0.2%



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2009

Rowan County

Annual Operations

2,855

Single-Engine Piston		Multi-Engine Piston	
AA1 - American AA-1 Trainer	0	AC50 - Aero Commander 500	0
AA5 - American AA-5 Traveler	4	AC6L - Aero Commander 680FL	0
AA5A - American AA-5 Cheetah	0	AEST - Piper Aero Star	37
AA5B - American Traveler	2	BE18 - Beech 18	0
AC11 - North American Commander 112	3	BE50 - Beech Twin Bonanza	0
AC12 - Rockwell Commander 112	1	BE55 - Beech Baron 55	26
AC14 - Aero Commander AC-14	0	BE58 - Beech 58	159
AG5B - Lancair Tiger AG5B	0	BE60 - Beech 60 Duke	52
BL26 - Viking; Bellanca Aircraft	0	BE65 - Beech 65 Queen Air	45
BE23 - Beech 23 Sundowner	0	BE76 - Beech 76 Duchess	0
BE24 - Beech 24 Sierra	6	BE95 - Beech 95 Travel Air	2
BE33 - Beech Bonanza 33	50	C303 - Cessna T303 Crusader	0
BE35 - Beech Bonanza 35	120	C310 - Cessna 310	34
BE36 - Beech Bonanza 36	190	C320 - Cessna Skyknight	0
BL17 - Bellanca Viking	4	C82 - Fairchild F-78 Packet	0
C140 - Cessna 140	0	C335 - Cessna 335	0
C150 - Cessna 150	11	C337 - Cessna Turbo Super Skymaster	0
C152 - Cessna 152	8	C340 - Cessna 340	7
C170 - Cessna 170	0	C401 - Cessna C-401	0
C172 - Cessna Skyhawk 172/Cutlass	126	C402 - Cessna 401/402	0
C177 - Cessna 177 Cardinal	18	C414 - Cessna Chancellor 414	5
C180 - Cessna 180	7	C421 - Cessna Golden Eagle 421	27
C182 - Cessna Skylane 182	106	DA42 - Diamond Twin Star	6
C185 - Cessna Skywagon 185	11	DC3 - Boeing (Douglas) DC 3	0
C195 - Cessna 195	2	DHC2 - De Havilland Canada DHC-2 Beaver	1
C205 - Cessna 205	0	PA23 - Piper PA-23	3
C206 - Cessna 206 Stationair	6	PA27 - Piper Aztec	4
C210 - Cessna 210 Centurion	83	PA30 - Piper PA-30	6
C72 - Cessna C-175	0	PA31 - Piper Navajo PA-31	14
C72R - Cessna Cutlass RG	1	PA34 - Piper PA-34 Seneca	13
C77R - Cessna Cardinal RG	2	PASE - Piper PA 31 Seneca	0
C82R - Cessna Skylane RG	29	P34T - Piper PA-34 Seneca	0
C82T - Skylane RG, Turbo	0	PA44 - Piper Seminole	4
C90 - Cessna 190	0	PAZT - Piper Aztec	1
COL - Lancair Columbia All Series	2		
COL3 - Lancair LC-40 Columbia 400	1		
COL4 - Lancair LC-41 Columbia 400	4		
DA20 - Diamond DA 20	3		
DA40 - Diamond Star DA40	95		
GA7 - Grumman American Cougar	0		
GLAS - New Glasair	0		
HUSK - Aviat A-1 Husky Pup	4		
LA25 - Lake Turbo Seafury	2		
LA4 - Lake LA-4	0		
LC40 - Lancair LC-40	1		
LC42 - Lancair LC-42	0		
LEG2 - Lancair Legacy 2000	0		
LNCE - Lancair Super ES	3		
M20 - Mooney M-20C Ranger	2		
		Total	446
		% of Total Ops	15.6%



ROWAN COUNTY AIRPORT

AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2009

Rowan County

Annual Operations

2,855

Single-Engine Piston		Multi-Engine Piston
M200 - Aero Commander 200	0	
M20A - Mooney M-20C Ranger	0	
M20C - Mooney M-20C Ranger	0	
M20E - Mooney M-20	0	
M20J - Mooney M-205	0	
M20K - Mooney M-20	0	
M20P - Mooney M-20C Ranger	69	
M20R - Mooney M-20	0	
M20T - Turbo Mooney M20K	3	
M5 - Maule M-5 Strata Rocket	0	
M6 - Maule M-6 Super Rocket	0	
M7 - Maule M-7-235 Orion	3	
MO20 - Mooney M-20	5	
MO21 - Mooney Mark 21	0	
P23R - Piper Aztec PA23	0	
P23 - Pottier P-230 Panda	0	
NAVI - C335	2	
P210 - Riley Super P210	0	
P28 - Piper Cherokee	1	
P28A - Piper Cherokee	32	
P28B - Piper Turbo Dakota	2	
P28R - Cherokee Arrow/Turbo	16	
P28T - Piper Arrow 4	1	
P32 - Embraer Lance 2	1	
P32A - Embraer Lance 2	0	
P32R - Piper 32	18	
P32T - Embraer Lance 2	0	
P51 - North American P-51 Mustang	0	
PA20 - Piper PA-20 Pacer	1	
PA22 - Piper PA-22 Tri-Pacer	0	
PA24 - Piper PA-24	14	
PA28 - Piper Cherokee	65	
PA32 - Piper Cherokee Six	74	
PA38 - Piper Tomahawk PA38	1	
PARO - Piper Cherokee Arrow	2	
RV6 - AIEP Air Beetle	4	
RV8 - RV-4/6/7/8; VANS	4	
RV9 - Experimental	1	
SR20 - Cirrus SR-20	6	
SR22 - Cirrus SR 22	40	
T182 - Cessna T182	0	
T6 - North American T-6 Texan	2	
TAMP - Socata TB-9 Tampico	0	
TB21 - Socata TB-21	0	
XL2 - Liberty XL-2	0	
TRIN - Socata TB-21 Trinidad	2	
Z43 - Zlin Z-43	0	
Total	1,276	
% of Total Ops	44.7%	



ROWAN COUNTY AIRPORT

AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2009

Rowan County

Annual Operations

2,855

Turbo-Prop	
AC90 - Gulfstream Commander	0
AC95 - Gulfstream Jetprop Commander 1000	0
B190 - Beech 1900/C-12J	0
B350 - Beech Super King Air 350	2
B36T - Allison 36 Turbine Bonanza	0
BN2T - Britten Norman BN 2T	0
BE10 - Beech King Air 100 A/B	19
BE20 - Beech 200 Super King	48
BE30 - Raytheon 300 Super King Air	4
BE90 - Beech King Air 90	7
BE9L - Beech King Air 90	160
B9T - Raytheon 90 (F90)	0
BE9 - Beechcraft C99 Airliner; Beech Aircraft	0
BE9T - Beech F90 King Air	36
C130 - Lockheed 130 Hercules	0
C12 - CS2 C212 CASA/IPTN 212 Aviocar	0
C208 - Cessna 208 Caravan	0
C212 - CASA Aviocar	0
C425 - Cessna 425 Corsair	0
C441 - Cessna Conquest	4
CVLP - Convair CV-440 Metropolitan	0
CN35 - CASA CN-235	0
CV58 - Convair CV58	0
CVLT - Convair CV-540/580/600/640, VC-131H	0
E110 - Embraer EMB110	0
E120 - Embraer Brasilia EMB 120	4
F406 - Cessna F406 Vigilant	0
JS31 - BAe-3100 Jetstream	0
JS32 - BAe Jetstream 31	0
MU2 - Mitsubishi Marquise/Solitaire	4
P180 - Piaggio P-180 Avanti	0
PA46 - Piper Malibu	3
P46T - Piper Malibu Meridian	2
PAY1 - Piper Cheyenne 1	29
PAY2 - Piper Cheyenne 2	18
PAY3 - Piper PA-42-720 Cheyenne 3	2
PAY4 - Piper Cheyenne 400	16
PAYE - Cheyenne	2
PC12 - Pilatus PC-12	22
SH33 - Shorts 330	0
SH36 - Shorts 360	0
SW2 - Swearingen Merlin 2	0
SW3 - Fairchild Swearingen SA-226T/TB Merlin 3	2
SW4 - Swearingen Merlin 4/4A Metro2	1
TBM7 - Socata TBM-7	2
TBM8 - Socata TBM-850	2
TEX2 - Raytheon Texan 2	0
Total	389
% of Total Ops	13.6%



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2009

Rowan County

Annual Operations

2,855

Jet	
ASTR - IAI Astra 1125	2
B734 - Boeing 737-400	0
B737 - Boeing 737-700	0
BE40 - Raytheon/Beech Beechjet 400/T-1	50
C25A - Cessna Citation CJ2	4
C25B - Cessna Citation CJ3	4
C500 - Cessna 500/Citation I	0
C501 - Cessna I/SP	2
C510 - Cessna Citation Mustang	0
C525 - Cessna CitationJet/CJ1	47
C550 - Cessna Citation II/Bravo	23
C560 - Cessna Citation V/Ultra/Encore	89
C56X - Cessna Excel/XLS	394
C650 - Cessna III/VI/VII	14
C680 - Cessna Citation Sovereign	7
C750 - Cessna Citation X	4
CL30 - Bombardier (Canadair) Challenger 300	0
CL60 - Bombardier Challenger 600/601/604	10
CL64 - unknown	0
CRJ2 - Bombardier CRJ-200	0
DA10 - Dassault Falcon/Mystère 10	0
DA90 - Dassault Falcon 900	0
E135 - Embraer ERJ 135/140/Legacy	0
E145 - Embraer ERJ-145	0
E50P - Embraer Phenom 100	0
E55P - Embraer Phenom 300	0
EA50 - Eclipse 500	2
F2TH - Dassault Falcon 2000	8
F900 - Dassault Falcon 900	2
FA10 - Dassault Falcon/Mystère 10	0
FA20 - Dassault Falcon/Mystère 20	4
FA7X - Dassault Falcon F7X	0
FA50 - Dassault Falcon/Mystère 50	4
FOUG - Fouga Magister/Tzukit	0
G150 - Gulfstream G150	6
G159 - Gulfstream Aerospace G 159/VC-4	0
G280 - Gulfstream G280	0
GALX - IAI 1126 Galaxy/Gulfstream G200	0
GL5T - Bombardier BD-700 Global 5000	0
GLEX - Bombardier BD-700 Global Express	0
GLF2 - Gulfstream II/G200	2
GLF3 - Gulfstream III/G300	0
GLF4 - Gulfstream IV/G400	6
GLF5 - Gulfstream V/G500	1
H25A - BAe HS 125-1/2/3/400/600	4
H25B - BAe HS 125/700-800/Hawker 800	15
H25C - BAe/Raytheon HS 125-1000/Hawker 1000	0
HA4T - Hawker 4000	0
HS25 - BAe HS 125; British Aerospace	0



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2009

Rowan County

Annual Operations

2,855

Jet	
L29B - Lockheed L-1329 Jetstar 731	0
L39 - Aero L-139 Albatross	0
LJ24 - Bombardier Learjet 24	0
LJ25 - Bombardier Learjet 25	2
LJ31 - Bombardier Learjet 31/A/B	2
LJ35 - Bombardier Learjet 35/36	4
LJ40 - Learjet 40; Gates Learjet	6
LJ45 - Bombardier Learjet 45	13
LJ55 - Bombardier Learjet 55	2
LJ60 - Bombardier Learjet 60	4
LR24 - unknown	0
LR25 - Bombardier Learjet 25	0
LR35 - Learjet 35	0
LR40 - Bombardier Learjet 40	0
LR45 - Learjet 45	0
LR55 - LearJet 55	0
MU30 - Mitsubishi MU300/ Diamond I	0
PRM1 - Raytheon Premier 1/390 Premier 1	2
SBR1 - North American Rockwell Sabre 40/60	0
SBR2 - North American Rockwell Sabre 75	0
VW24 - IAI 1124 Westwind	0
Total	739
% of Total Ops	25.9%



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2009

Rowan County

Annual Operations

2,855

Rotorcraft	
B06 - Agusta AB-206 LongRanger	0
B40 - Bell 407	0
B407 - Bell 407	0
B412 - Bell 412 Sentinel	0
B222 - Bell 222	0
EXP - McDonnell MD-902 Explorer	5
H72 - UH-72 Lakota is a twin-engine	0
H60 - Sikorsky SH-60 Seahawk	0
UH1 - Bell 204	0
S76 - Sikorsky S-76	0
TH57 - Bell TH57	0
UH60 - Blackhawk Helicopter	0
AS65 - Aérospatiale AS-366	0
B230 - Bell 230	0
EC35 - Eurocopter EC-135	0
EC45 - Eurocopter EC-145	0
Total	5
% of Total Ops	0.2%



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2010

Rowan County

Annual Operations

2,472

Single-Engine Piston		Multi-Engine Piston	
AA1 - American AA-1 Trainer	1	AC50 - Aero Commander 500	0
AA5 - American AA-5 Traveler	2	AC6L - Aero Commander 680FL	0
AA5A - American AA-5 Cheetah	0	AEST - Piper Aero Star	38
AA5B - American Traveler	0	BE18 - Beech 18	0
AC11 - North American Commander 112	2	BE50 - Beech Twin Bonanza	0
AC12 - Rockwell Commander 112	0	BE55 - Beech Baron 55	5
AC14 - Aero Commander AC-14	0	BE58 - Beech 58	125
AG5B - Lancair Tiger AG5B	0	BE60 - Beech 60 Duke	58
BL26 - Viking; Bellanca Aircraft	0	BE65 - Beech 65 Queen Air	2
BE23 - Beech 23 Sundowner	0	BE76 - Beech 76 Duchess	0
BE24 - Beech 24 Sierra	7	BE95 - Beech 95 Travel Air	5
BE33 - Beech Bonanza 33	54	C303 - Cessna T303 Crusader	0
BE35 - Beech Bonanza 35	100	C310 - Cessna 310	4
BE36 - Beech Bonanza 36	169	C320 - Cessna Skyknight	0
BL17 - Bellanca Viking	2	C82 - Fairchild F-78 Packet	0
C140 - Cessna 140	1	C335 - Cessna 335	0
C150 - Cessna 150	4	C337 - Cessna Turbo Super Skymaster	4
C152 - Cessna 152	4	C340 - Cessna 340	19
C170 - Cessna 170	2	C401 - Cessna C-401	0
C172 - Cessna Skyhawk 172/Cutlass	78	C402 - Cessna 401/402	1
C177 - Cessna 177 Cardinal	12	C414 - Cessna Chancellor 414	19
C180 - Cessna 180	30	C421 - Cessna Golden Eagle 421	36
C182 - Cessna Skylane 182	86	DA42 - Diamond Twin Star	5
C185 - Cessna Skywagon 185	6	DC3 - Boeing (Douglas) DC 3	1
C195 - Cessna 195	4	DHC2 - De Havilland Canada DHC-2 Beaver	0
C205 - Cessna 205	0	PA23 - Piper PA-23	1
C206 - Cessna 206 Stationair	5	PA27 - Piper Aztec	4
C210 - Cessna 210 Centurion	94	PA30 - Piper PA-30	4
C72 - Cessna C-175	0	PA31 - Piper Navajo PA-31	22
C72R - Cessna Cutlass RG	1	PA34 - Piper PA-34 Seneca	15
C77R - Cessna Cardinal RG	6	PASE - Piper PA 31 Seneca	0
C82R - Cessna Skylane RG	4	P34T - Piper PA-34 Seneca	0
C82T - Skylane RG, Turbo	0	PA44 - Piper Seminole	6
C90 - Cessna 190	0	PAZT - Piper Aztec	0
COL - Lancair Columbia All Series	0	Total	374
COL3 - Lancair LC-40 Columbia 400	1	% of Total Ops	15.1%
COL4 - Lancair LC-41 Columbia 400	6		
DA20 - Diamond DA 20	2		
DA40 - Diamond Star DA40	55		
GA7 - Grumman American Cougar	0		
GLAS - New Glasair	0		
HUSK - Aviat A-1 Husky Pup	0		
LA25 - Lake Turbo Seafury	0		
LA4 - Lake LA-4	0		
LC40 - Lancair LC-40	0		
LC42 - Lancair LC-42	0		
LEG2 - Lancair Legacy 2000	0		
LNCE - Lancair Super ES	1		
M20 - Mooney M-20C Ranger	0		



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2010

Rowan County

Annual Operations

2,472

Single-Engine Piston		Multi-Engine Piston
M200 - Aero Commander 200	0	
M20A - Mooney M-20C Ranger	0	
M20C - Mooney M-20C Ranger	1	
M20E - Mooney M-20	0	
M20J - Mooney M-205	1	
M20K - Mooney M-20	0	
M20P - Mooney M-20C Ranger	35	
M20R - Mooney M-20	1	
M20T - Turbo Mooney M20K	8	
M5 - Maule M-5 Strata Rocket	0	
M6 - Maule M-6 Super Rocket	0	
M7 - Maule M-7-235 Orion	2	
MO20 - Mooney M-20	7	
MO21 - Mooney Mark 21	0	
P23R - Piper Aztec PA23	0	
P23 - Pottier P-230 Panda	0	
NAVI - C335	2	
P210 - Riley Super P210	6	
P28 - Piper Cherokee	0	
P28A - Piper Cherokee	50	
P28B - Piper Turbo Dakota	0	
P28R - Cherokee Arrow/Turbo	12	
P28T - Piper Arrow 4	1	
P32 - Embraer Lance 2	1	
P32A - Embraer Lance 2	0	
P32R - Piper 32	38	
P32T - Embraer Lance 2	0	
P51 - North American P-51 Mustang	0	
PA20 - Piper PA-20 Pacer	0	
PA22 - Piper PA-22 Tri-Pacer	0	
PA24 - Piper PA-24	12	
PA28 - Piper Cherokee	53	
PA32 - Piper Cherokee Six	80	
PA38 - Piper Tomahawk PA38	1	
PARO - Piper Cherokee Arrow	1	
RV6 - AIEP Air Beetle	5	
RV8 - RV-4/6/7/8; VANS	2	
RV9 - Experimental	0	
SR20 - Cirrus SR-20	5	
SR22 - Cirrus SR 22	40	
T182 - Cessna T182	0	
T6 - North American T-6 Texan	0	
TAMP - Socata TB-9 Tampico	0	
TB21 - Socata TB-21	0	
XL2 - Liberty XL-2	4	
TRIN - Socata TB-21 Trinidad	0	
Z43 - Zlin Z-43	0	
Total	1,106	
% of Total Ops	44.7%	



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2010

Rowan County

Annual Operations

2,472

Turbo-Prop	
AC90 - Gulfstream Commander	1
AC95 - Gulfstream Jetprop Commander 1000	0
B190 - Beech 1900/C-12J	0
B350 - Beech Super King Air 350	15
B36T - Allison 36 Turbine Bonanza	1
BN2T - Britten Norman BN 2T	0
BE10 - Beech King Air 100 A/B	4
BE20 - Beech 200 Super King	42
BE30 - Raytheon 300 Super King Air	10
BE90 - Beech King Air 90	3
BE9L - Beech King Air 90	138
B9T - Raytheon 90 (F90)	0
BE9 - Beechcraft C99 Airliner; Beech Aircraft	0
BE9T - Beech F90 King Air	16
C130 - Lockheed 130 Hercules	0
C12 - CS2 C212 CASA/IPTN 212 Aviocar	0
C208 - Cessna 208 Caravan	2
C212 - CASA Aviocar	0
C425 - Cessna 425 Corsair	0
C441 - Cessna Conquest	8
CVLP - Convair CV-440 Metropolitan	0
CN35 - CASA CN-235	0
CV58 - Convair CV58	0
CVLT - Convair CV-540/580/600/640, VC-131H	0
E110 - Embraer EMB110	0
E120 - Embraer Brasilia EMB 120	0
F406 - Cessna F406 Vigilant	0
JS31 - BAe-3100 Jetstream	0
JS32 - BAe Jetstream 31	0
MU2 - Mitsubishi Marquise/Solitaire	6
P180 - Piaggio P-180 Avanti	0
PA46 - Piper Malibu	10
P46T - Piper Malibu Meridian	20
PAY1 - Piper Cheyenne 1	33
PAY2 - Piper Cheyenne 2	6
PAY3 - Piper PA-42-720 Cheyenne 3	0
PAY4 - Piper Cheyenne 400	5
PAYE - Cheyenne	3
PC12 - Pilatus PC-12	13
SH33 - Shorts 330	0
SH36 - Shorts 360	0
SW2 - Swearingen Merlin 2	0
SW3 - Fairchild Swearingen SA-226T/TB Merlin 3	0
SW4 - Swearingen Merlin 4/4A Metro2	0
TBM7 - Socata TBM-7	8
TBM8 - Socata TBM-850	0
TEX2 - Raytheon Texan 2	0
Total	344
% of Total Ops	13.9%



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2010

Rowan County

Annual Operations

2,472

Jet	
ASTR - IAI Astra 1125	0
B734 - Boeing 737-400	0
B737 - Boeing 737-700	0
BE40 - Raytheon/Beech Beechjet 400/T-1	35
C25A - Cessna Citation CJ2	4
C25B - Cessna Citation CJ3	0
C500 - Cessna 500/Citation I	3
C501 - Cessna I/SP	11
C510 - Cessna Citation Mustang	0
C525 - Cessna CitationJet/CJ1	28
C550 - Cessna Citation II/Bravo	30
C560 - Cessna Citation V/Ultra/Encore	96
C56X - Cessna Excel/XLS	303
C650 - Cessna III/VI/VII	3
C680 - Cessna Citation Sovereign	2
C750 - Cessna Citation X	8
CL30 - Bombardier (Canadair) Challenger 300	4
CL60 - Bombardier Challenger 600/601/604	10
CL64 - unknown	0
CRJ2 - Bombardier CRJ-200	0
DA10 - Dassault Falcon/Mystère 10	0
DA90 - Dassault Falcon 900	0
E135 - Embraer ERJ 135/140/Legacy	0
E145 - Embraer ERJ-145	0
E50P - Embraer Phenom 100	2
E55P - Embraer Phenom 300	0
EA50 - Eclipse 500	0
F2TH - Dassault Falcon 2000	4
F900 - Dassault Falcon 900	0
FA10 - Dassault Falcon/Mystère 10	0
FA20 - Dassault Falcon/Mystère 20	1
FA7X - Dassault Falcon F7X	0
FA50 - Dassault Falcon/Mystère 50	7
FOUG - Fouga Magister/Tzukit	0
G150 - Gulfstream G150	2
G159 - Gulfstream Aerospace G 159/VC-4	0
G280 - Gulfstream G280	0
GALX - IAI 1126 Galaxy/Gulfstream G200	0
GL5T - Bombardier BD-700 Global 5000	0
GLEX - Bombardier BD-700 Global Express	0
GLF2 - Gulfstream II/G200	2
GLF3 - Gulfstream III/G300	3
GLF4 - Gulfstream IV/G400	8
GLF5 - Gulfstream V/G500	4
H25A - BAe HS 125-1/2/3/400/600	0
H25B - BAe HS 125/700-800/Hawker 800	16
H25C - BAe/Raytheon HS 125-1000/Hawker 1000	0
HA4T - Hawker 4000	0
HS25 - BAe HS 125; British Aerospace	0



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2010

Rowan County

Annual Operations

2,472

Jet	
L29B - Lockheed L-1329 Jetstar 731	0
L39 - Aero L-139 Albatross	0
LJ24 - Bombardier Learjet 24	0
LJ25 - Bombardier Learjet 25	8
LJ31 - Bombardier Learjet 31/A/B	10
LJ35 - Bombardier Learjet 35/36	8
LJ40 - Learjet 40; Gates Learjet	2
LJ45 - Bombardier Learjet 45	10
LJ55 - Bombardier Learjet 55	0
LJ60 - Bombardier Learjet 60	4
LR24 - unknown	0
LR25 - Bombardier Learjet 25	0
LR35 - Learjet 35	0
LR40 - Bombardier Learjet 40	0
LR45 - Learjet 45	0
LR55 - LearJet 55	0
MU30 - Mitsubishi MU300/ Diamond I	0
PRM1 - Raytheon Premier 1/390 Premier 1	0
SBR1 - North American Rockwell Sabre 40/60	0
SBR2 - North American Rockwell Sabre 75	0
WW24 - IAI 1124 Westwind	8
Total	636
% of Total Ops	25.7%



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2010

Rowan County

Annual Operations 2,472

Rotorcraft	
B06 - Agusta AB-206 LongRanger	0
B40 - Bell 407	0
B407 - Bell 407	0
B412 - Bell 412 Sentinel	0
B222 - Bell 222	0
EXP - McDonnell MD-902 Explorer	11
H72 - UH-72 Lakota is a twin-engine	0
H60 - Sikorsky SH-60 Seahawk	1
UH1 - Bell 204	0
S76 - Sikorsky S-76	0
TH57 - Bell TH57	0
UH60 - Blackhawk Helicopter	0
AS65 - Aérospatiale AS-366	0
B230 - Bell 230	0
EC35 - Eurocopter EC-135	0
EC45 - Eurocopter EC-145	0
Total	12
% of Total Ops	0.5%



ROWAN COUNTY AIRPORT

AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2011

Rowan County

Annual Operations

2,133

Single-Engine Piston		Multi-Engine Piston	
AA1 - American AA-1 Trainer	0	AC50 - Aero Commander 500	0
AA5 - American AA-5 Traveler	4	AC6L - Aero Commander 680FL	0
AA5A - American AA-5 Cheetah	0	AEST - Piper Aero Star	35
AA5B - American Traveler	0	BE18 - Beech 18	0
AC11 - North American Commander 112	0	BE50 - Beech Twin Bonanza	0
AC12 - Rockwell Commander 112	0	BE55 - Beech Baron 55	3
AC14 - Aero Commander AC-14	0	BE58 - Beech 58	127
AG5B - Lancair Tiger AG5B	0	BE60 - Beech 60 Duke	13
BL26 - Viking; Bellanca Aircraft	0	BE65 - Beech 65 Queen Air	8
BE23 - Beech 23 Sundowner	4	BE76 - Beech 76 Duchess	0
BE24 - Beech 24 Sierra	6	BE95 - Beech 95 Travel Air	0
BE33 - Beech Bonanza 33	38	C303 - Cessna T303 Crusader	2
BE35 - Beech Bonanza 35	88	C310 - Cessna 310	11
BE36 - Beech Bonanza 36	141	C320 - Cessna Skyknight	0
BL17 - Bellanca Viking	0	C82 - Fairchild F-78 Packet	0
C140 - Cessna 140	0	C335 - Cessna 335	0
C150 - Cessna 150	4	C337 - Cessna Turbo Super Skymaster	2
C152 - Cessna 152	2	C340 - Cessna 340	10
C170 - Cessna 170	0	C401 - Cessna C-401	0
C172 - Cessna Skyhawk 172/Cutlass	80	C402 - Cessna 401/402	0
C177 - Cessna 177 Cardinal	5	C414 - Cessna Chancellor 414	9
C180 - Cessna 180	5	C421 - Cessna Golden Eagle 421	18
C182 - Cessna Skylane 182	91	DA42 - Diamond Twin Star	7
C185 - Cessna Skywagon 185	3	DC3 - Boeing (Douglas) DC 3	0
C195 - Cessna 195	3	DHC2 - De Havilland Canada DHC-2 Beaver	0
C205 - Cessna 205	0	PA23 - Piper PA-23	1
C206 - Cessna 206 Stationair	2	PA27 - Piper Aztec	0
C210 - Cessna 210 Centurion	70	PA30 - Piper PA-30	7
C72 - Cessna C-175	0	PA31 - Piper Navajo PA-31	33
C72R - Cessna Cutlass RG	0	PA34 - Piper PA-34 Seneca	5
C77R - Cessna Cardinal RG	0	PASE - Piper PA 31 Seneca	0
C82R - Cessna Skylane RG	3	P34T - Piper PA-34 Seneca	0
C82T - Skyland RG, Turbo	1	PA44 - Piper Seminole	0
C90 - Cessna 190	0	PAZT - Piper Aztec	0
COL - Lancair Columbia All Series	0	Total	291
COL3 - Lancair LC-40 Columbia 400	0	% of Total Ops	13.6%
COL4 - Lancair LC-41 Columbia 400	2		
DA20 - Diamond DA 20	0		
DA40 - Diamond Star DA40	16		
GA7 - Grumman American Cougar	0		
GLAS - New Glasair	0		
HUSK - Aviat A-1 Husky Pup	0		
LA25 - Lake Turbo Seafury	0		
LA4 - Lake LA-4	0		
LC40 - Lancair LC-40	0		
LC42 - Lancair LC-42	0		
LEG2 - Lancair Legacy 2000	0		
LNCE - Lancair Super ES	0		
M20 - Mooney M-20C Ranger	1		



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2011

Rowan County

Annual Operations

2,133

Single-Engine Piston		Multi-Engine Piston
M200 - Aero Commander 200	0	
M20A - Mooney M-20C Ranger	0	
M20C - Mooney M-20C Ranger	0	
M20E - Mooney M-20	0	
M20J - Mooney M-205	0	
M20K - Mooney M-20	0	
M20P - Mooney M-20C Ranger	51	
M20R - Mooney M-20	0	
M20T - Turbo Mooney M20K	7	
M5 - Maule M-5 Strata Rocket	0	
M6 - Maule M-6 Super Rocket	0	
M7 - Maule M-7-235 Orion	0	
MO20 - Mooney M-20	3	
MO21 - Mooney Mark 21	0	
P23R - Piper Aztec PA23	0	
P23 - Pottier P-230 Panda	0	
NAVI - C335	1	
P210 - Riley Super P210	2	
P28 - Piper Cherokee	0	
P28A - Piper Cherokee	32	
P28B - Piper Turbo Dakota	3	
P28R - Cherokee Arrow/Turbo	17	
P28T - Piper Arrow 4	2	
P32 - Embraer Lance 2	0	
P32A - Embraer Lance 2	1	
P32R - Piper 32	23	
P32T - Embraer Lance 2	2	
P51 - North American P-51 Mustang	0	
PA20 - Piper PA-20 Pacer	0	
PA22 - Piper PA-22 Tri-Pacer	0	
PA24 - Piper PA-24	3	
PA28 - Piper Cherokee	25	
PA32 - Piper Cherokee Six	60	
PA38 - Piper Tomahawk PA38	0	
PARO - Piper Cherokee Arrow	0	
RV6 - AIEP Air Beetle	0	
RV8 - RV-4/6/7/8; VANS	15	
RV9 - Experimental	0	
SR20 - Cirrus SR-20	2	
SR22 - Cirrus SR 22	21	
T182 - Cessna T182	0	
T6 - North American T-6 Texan	0	
TAMP - Socata TB-9 Tampico	0	
TB21 - Socata TB-21	0	
XL2 - Liberty XL-2	0	
TRIN - Socata TB-21 Trinidad	0	
Z43 - Zlin Z-43	0	
Total	839	
% of Total Ops	39.3%	



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2011

Rowan County

Annual Operations

2,133

Turbo-Prop	
AC90 - Gulfstream Commander	0
AC95 - Gulfstream Jetprop Commander 1000	0
B190 - Beech 1900/C-12J	0
B350 - Beech Super King Air 350	8
B36T - Allison 36 Turbine Bonanza	0
BN2T - Britten Norman BN 2T	0
BE10 - Beech King Air 100 A/B	4
BE20 - Beech 200 Super King	31
BE30 - Raytheon 300 Super King Air	0
BE90 - Beech King Air 90	1
BE9L - Beech King Air 90	145
B9T - Raytheon 90 (F90)	0
BE9 - Beechcraft C99 Airliner; Beech Aircraft	0
BE9T - Beech F90 King Air	26
C130 - Lockheed 130 Hercules	0
C12 - CS2 C212 CASA/IPTN 212 Aviocar	0
C208 - Cessna 208 Caravan	0
C212 - CASA Aviocar	0
C425 - Cessna 425 Corsair	0
C441 - Cessna Conquest	20
CVLP - Convair CV-440 Metropolitan	0
CN35 - CASA CN-235	0
CV58 - Convair CV58	0
CVLT - Convair CV-540/580/600/640, VC-131H	0
E110 - Embraer EMB110	2
E120 - Embraer Brasilia EMB 120	0
F406 - Cessna F406 Vigilant	0
JS31 - BAe-3100 Jetstream	0
JS32 - BAe Jetstream 31	0
MU2 - Mitsubishi Marquise/Solitaire	4
P180 - Piaggio P-180 Avanti	2
PA46 - Piper Malibu	14
P46T - Piper Malibu Meridian	8
PAY1 - Piper Cheyenne 1	28
PAY2 - Piper Cheyenne 2	3
PAY3 - Piper PA-42-720 Cheyenne 3	0
PAY4 - Piper Cheyenne 400	6
PAYE - Cheyenne	0
PC12 - Pilatus PC-12	41
SH33 - Shorts 330	0
SH36 - Shorts 360	0
SW2 - Swearingen Merlin 2	0
SW3 - Fairchild Swearingen SA-226T/TB Merlin 3	0
SW4 - Swearingen Merlin 4/4A Metro2	0
TBM7 - Socata TBM-7	22
TBM8 - Socata TBM-850	0
TEX2 - Raytheon Texan 2	0
Total	365
% of Total Ops	17.1%



ROWAN COUNTY AIRPORT

AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2011

Rowan County

Annual Operations

2,133

Jet	
ASTR - IAI Astra 1125	0
B734 - Boeing 737-400	0
B737 - Boeing 737-700	0
BE40 - Raytheon/Beech Beechjet 400/T-1	49
C25A - Cessna Citation CJ2	3
C25B - Cessna Citation CJ3	6
C500 - Cessna 500/Citation I	2
C501 - Cessna I/SP	14
C510 - Cessna Citation Mustang	2
C525 - Cessna CitationJet/CJ1	55
C550 - Cessna Citation II/Bravo	24
C560 - Cessna Citation V/Ultra/Encore	90
C56X - Cessna Excel/XLS	286
C650 - Cessna III/VI/VII	0
C680 - Cessna Citation Sovereign	0
C750 - Cessna Citation X	8
CL30 - Bombardier (Canadair) Challenger 300	0
CL60 - Bombardier Challenger 600/601/604	0
CL64 - unknown	0
CRJ2 - Bombardier CRJ-200	0
DA10 - Dassault Falcon/Mystère 10	0
DA90 - Dassault Falcon 900	0
E135 - Embraer ERJ 135/140/Legacy	2
E145 - Embraer ERJ-145	0
E50P - Embraer Phenom 100	0
E55P - Embraer Phenom 300	2
EA50 - Eclipse 500	9
F2TH - Dassault Falcon 2000	6
F900 - Dassault Falcon 900	4
FA10 - Dassault Falcon/Mystère 10	0
FA20 - Dassault Falcon/Mystère 20	0
FA7X - Dassault Falcon F7X	4
FA50 - Dassault Falcon/Mystère 50	14
FOUG - Fouga Magister/Tzukit	0
G150 - Gulfstream G150	0
G159 - Gulfstream Aerospace G 159/VC-4	0
G280 - Gulfstream G280	0
GALX - IAI 1126 Galaxy/Gulfstream G200	0
GL5T - Bombardier BD-700 Global 5000	0
GLEX - Bombardier BD-700 Global Express	0
GLF2 - Gulfstream II/G200	0
GLF3 - Gulfstream III/G300	0
GLF4 - Gulfstream IV/G400	2
GLF5 - Gulfstream V/G500	2
H25A - BAe HS 125-1/2/3/400/600	0
H25B - BAe HS 125/700-800/Hawker 800	10
H25C - BAe/Raytheon HS 125-1000/Hawker 1000	0
HA4T - Hawker 4000	0
HS25 - BAe HS 125; British Aerospace	0



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2011

Rowan County

Annual Operations

2,133

Jet	
L29B - Lockheed L-1329 Jetstar 731	0
L39 - Aero L-139 Albatross	0
LJ24 - Bombardier Learjet 24	0
LJ25 - Bombardier Learjet 25	0
LJ31 - Bombardier Learjet 31/A/B	11
LJ35 - Bombardier Learjet 35/36	2
LJ40 - Learjet 40; Gates Learjet	0
LJ45 - Bombardier Learjet 45	12
LJ55 - Bombardier Learjet 55	6
LJ60 - Bombardier Learjet 60	5
LR24 - unknown	0
LR25 - Bombardier Learjet 25	0
LR35 - Learjet 35	0
LR40 - Bombardier Learjet 40	0
LR45 - Learjet 45	0
LR55 - LearJet 55	0
MU30 - Mitsubishi MU300/ Diamond I	0
PRM1 - Raytheon Premier 1/390 Premier 1	2
SBR1 - North American Rockwell Sabre 40/60	0
SBR2 - North American Rockwell Sabre 75	0
VW24 - IAI 1124 Westwind	0
Total	632
% of Total Ops	29.6%



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2011

Rowan County

Annual Operations

2,133

Rotorcraft	
B06 - Agusta AB-206 LongRanger	2
B40 - Bell 407	0
B407 - Bell 407	0
B412 - Bell 412 Sentinel	0
B222 - Bell 222	0
EXP - McDonnell MD-902 Explorer	2
H72 - UH-72 Lakota is a twin-engine	0
H60 - Sikorsky SH-60 Seahawk	0
UH1 - Bell 204	0
S76 - Sikorsky S-76	0
TH57 - Bell TH57	0
UH60 - Blackhawk Helicopter	0
AS65 - Aérospatiale AS-366	0
B230 - Bell 230	0
EC35 - Eurocopter EC-135	2
EC45 - Eurocopter EC-145	0
Total	6
% of Total Ops	0.3%



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2012

Rowan County

Annual Operations

2,003

Single-Engine Piston		Multi-Engine Piston	
AA1 - American AA-1 Trainer	0	AC50 - Aero Commander 500	0
AA5 - American AA-5 Traveler	8	AC6L - Aero Commander 680FL	0
AA5A - American AA-5 Cheetah	0	AEST - Piper Aero Star	28
AA5B - American Traveler	0	BE18 - Beech 18	0
AC11 - North American Commander 112	7	BE50 - Beech Twin Bonanza	1
AC12 - Rockwell Commander 112	0	BE55 - Beech Baron 55	14
AC14 - Aero Commander AC-14	0	BE58 - Beech 58	144
AG5B - Lancair Tiger AG5B	0	BE60 - Beech 60 Duke	11
BL26 - Viking; Bellanca Aircraft	0	BE65 - Beech 65 Queen Air	0
BE23 - Beech 23 Sundowner	1	BE76 - Beech 76 Duchess	2
BE24 - Beech 24 Sierra	0	BE95 - Beech 95 Travel Air	0
BE33 - Beech Bonanza 33	27	C303 - Cessna T303 Crusader	15
BE35 - Beech Bonanza 35	43	C310 - Cessna 310	8
BE36 - Beech Bonanza 36	109	C320 - Cessna Skyknight	0
BL17 - Bellanca Viking	2	C82 - Fairchild F-78 Packet	0
C140 - Cessna 140	0	C335 - Cessna 335	0
C150 - Cessna 150	1	C337 - Cessna Turbo Super Skymaster	0
C152 - Cessna 152	11	C340 - Cessna 340	16
C170 - Cessna 170	0	C401 - Cessna C-401	0
C172 - Cessna Skyhawk 172/Cutlass	100	C402 - Cessna 401/402	0
C177 - Cessna 177 Cardinal	12	C414 - Cessna Chancellor 414	6
C180 - Cessna 180	3	C421 - Cessna Golden Eagle 421	15
C182 - Cessna Skylane 182	71	DA42 - Diamond Twin Star	11
C185 - Cessna Skywagon 185	0	DC3 - Boeing (Douglas) DC 3	0
C195 - Cessna 195	0	DHC2 - De Havilland Canada DHC-2 Beaver	0
C205 - Cessna 205	0	PA23 - Piper PA-23	0
C206 - Cessna 206 Stationair	10	PA27 - Piper Aztec	1
C210 - Cessna 210 Centurion	82	PA30 - Piper PA-30	6
C72 - Cessna C-175	0	PA31 - Piper Navajo PA-31	22
C72R - Cessna Cutlass RG	0	PA34 - Piper PA-34 Seneca	8
C77R - Cessna Cardinal RG	5	PASE - Piper PA 31 Seneca	0
C82R - Cessna Skylane RG	10	P34T - Piper PA-34 Seneca	0
C82T - Skylane RG, Turbo	0	PA44 - Piper Seminole	0
C90 - Cessna 190	0	PAZT - Piper Aztec	0
COL - Lancair Columbia All Series	0	Total	308
COL3 - Lancair LC-40 Columbia 400	0	% of Total Ops	15.4%
COL4 - Lancair LC-41 Columbia 400	2		
DA20 - Diamond DA 20	1		
DA40 - Diamond Star DA40	39		
GA7 - Grumman American Cougar	0		
GLAS - New Glasair	0		
HUSK - Aviat A-1 Husky Pup	0		
LA25 - Lake Turbo Seafury	0		
LA4 - Lake LA-4	1		
LC40 - Lancair LC-40	0		
LC42 - Lancair LC-42	0		
LEG2 - Lancair Legacy 2000	0		
LNCE - Lancair Super ES	1		
M20 - Mooney M-20C Ranger	1		



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2012

Rowan County

Annual Operations

2,003

Single-Engine Piston		Multi-Engine Piston
M200 - Aero Commander 200	2	
M20A - Mooney M-20C Ranger	0	
M20C - Mooney M-20C Ranger	0	
M20E - Mooney M-20	0	
M20J - Mooney M-205	0	
M20K - Mooney M-20	0	
M20P - Mooney M-20C Ranger	60	
M20R - Mooney M-20	0	
M20T - Turbo Mooney M20K	12	
M5 - Maule M-5 Strata Rocket	0	
M6 - Maule M-6 Super Rocket	0	
M7 - Maule M-7-235 Orion	0	
MO20 - Mooney M-20	4	
MO21 - Mooney Mark 21	0	
P23R - Piper Aztec PA23	0	
P23 - Pottier P-230 Panda	0	
NAVI - C335	0	
P210 - Riley Super P210	17	
P28 - Piper Cherokee	0	
P28A - Piper Cherokee	46	
P28B - Piper Turbo Dakota	16	
P28R - Cherokee Arrow/Turbo	14	
P28T - Piper Arrow 4	4	
P32 - Embraer Lance 2	0	
P32A - Embraer Lance 2	0	
P32R - Piper 32	24	
P32T - Embraer Lance 2	0	
P51 - North American P-51 Mustang	0	
PA20 - Piper PA-20 Pacer	0	
PA22 - Piper PA-22 Tri-Pacer	0	
PA24 - Piper PA-24	6	
PA28 - Piper Cherokee	17	
PA32 - Piper Cherokee Six	35	
PA38 - Piper Tomahawk PA38	0	
PARO - Piper Cherokee Arrow	2	
RV6 - AIEP Air Beetle	1	
RV8 - RV-4/6/7/8; VANS	14	
RV9 - Experimental	0	
SR20 - Cirrus SR-20	3	
SR22 - Cirrus SR 22	37	
T182 - Cessna T182	0	
T6 - North American T-6 Texan	2	
TAMP - Socata TB-9 Tampico	0	
TB21 - Socata TB-21	0	
XL2 - Liberty XL-2	0	
TRIN - Socata TB-21 Trinidad	1	
Z43 - Zlin Z-43	0	
Total		864
% of Total Ops		43.1%



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2012

Rowan County

Annual Operations

2,003

Turbo-Prop	
AC90 - Gulfstream Commander	0
AC95 - Gulfstream Jetprop Commander 1000	2
B190 - Beech 1900/C-12J	0
B350 - Beech Super King Air 350	6
B36T - Allison 36 Turbine Bonanza	0
BN2T - Britten Norman BN 2T	0
BE10 - Beech King Air 100 A/B	4
BE20 - Beech 200 Super King	54
BE30 - Raytheon 300 Super King Air	2
BE90 - Beech King Air 90	0
BE9L - Beech King Air 90	98
B9T - Raytheon 90 (F90)	0
BE9 - Beechcraft C99 Airliner; Beech Aircraft	1
BE9T - Beech F90 King Air	28
C130 - Lockheed 130 Hercules	0
C12 - CS2 C212 CASA/IPTN 212 Aviocar	0
C208 - Cessna 208 Caravan	0
C212 - CASA Aviocar	0
C425 - Cessna 425 Corsair	4
C441 - Cessna Conquest	9
CVLP - Convair CV-440 Metropolitan	0
CN35 - CASA CN-235	0
CV58 - Convair CV58	0
CVLT - Convair CV-540/580/600/640, VC-131H	0
E110 - Embraer EMB110	0
E120 - Embraer Brasilia EMB 120	0
F406 - Cessna F406 Vigilant	0
JS31 - BAe-3100 Jetstream	0
JS32 - BAe Jetstream 31	0
MU2 - Mitsubishi Marquise/Solitaire	2
P180 - Piaggio P-180 Avanti	0
PA46 - Piper Malibu	14
P46T - Piper Malibu Meridian	6
PAY1 - Piper Cheyenne 1	8
PAY2 - Piper Cheyenne 2	8
PAY3 - Piper PA-42-720 Cheyenne 3	0
PAY4 - Piper Cheyenne 400	4
PAYE - Cheyenne	1
PC12 - Pilatus PC-12	30
SH33 - Shorts 330	0
SH36 - Shorts 360	0
SW2 - Swearingen Merlin 2	0
SW3 - Fairchild Swearingen SA-226T/TB Merlin 3	0
SW4 - Swearingen Merlin 4/4A Metro2	0
TBM7 - Socata TBM-7	33
TBM8 - Socata TBM-850	2
TEX2 - Raytheon Texan 2	0
Total	316
% of Total Ops	15.8%



ROWAN COUNTY AIRPORT

AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2012

Rowan County

Annual Operations

2,003

Jet	
ASTR - IAI Astra 1125	2
B734 - Boeing 737-400	0
B737 - Boeing 737-700	0
BE40 - Raytheon/Beech Beechjet 400/T-1	45
C25A - Cessna Citation CJ2	4
C25B - Cessna Citation CJ3	0
C500 - Cessna 500/Citation I	0
C501 - Cessna I/SP	8
C510 - Cessna Citation Mustang	2
C525 - Cessna CitationJet/CJ1	48
C550 - Cessna Citation II/Bravo	21
C560 - Cessna Citation V/Ultra/Encore	83
C56X - Cessna Excel/XLS	186
C650 - Cessna III/VI/VII	5
C680 - Cessna Citation Sovereign	6
C750 - Cessna Citation X	10
CL30 - Bombardier (Canadair) Challenger 300	8
CL60 - Bombardier Challenger 600/601/604	4
CL64 - unknown	0
CRJ2 - Bombardier CRJ-200	1
DA10 - Dassault Falcon/Mystère 10	0
DA90 - Dassault Falcon 900	0
E135 - Embraer ERJ 135/140/Legacy	0
E145 - Embraer ERJ-145	0
E50P - Embraer Phenom 100	2
E55P - Embraer Phenom 300	11
EA50 - Eclipse 500	0
F2TH - Dassault Falcon 2000	2
F900 - Dassault Falcon 900	4
FA10 - Dassault Falcon/Mystère 10	0
FA20 - Dassault Falcon/Mystère 20	0
FA7X - Dassault Falcon FTX	4
FA50 - Dassault Falcon/Mystère 50	4
FOUG - Fouga Magister/Tzukit	0
G150 - Gulfstream G150	2
G159 - Gulfstream Aerospace G 159/VC-4	0
G280 - Gulfstream G280	0
GALX - IAI 1126 Galaxy/Gulfstream G200	0
GL5T - Bombardier BD-700 Global 5000	0
GLEX - Bombardier BD-700 Global Express	0
GLF2 - Gulfstream II/G200	0
GLF3 - Gulfstream III/G300	0
GLF4 - Gulfstream IV/G400	2
GLF5 - Gulfstream V/G500	2
H25A - BAe HS 125-1/2/3/400/600	0
H25B - BAe HS 125/700-800/Hawker 800	21
H25C - BAe/Raytheon HS 125-1000/Hawker 1000	0
HA4T - Hawker 4000	0
HS25 - BAe HS 125; British Aerospace	0



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2012

Rowan County

Annual Operations

2,003

Jet	
L29B - Lockheed L-1329 Jetstar 731	0
L39 - Aero L-139 Albatross	1
LJ24 - Bombardier Learjet 24	0
LJ25 - Bombardier Learjet 25	0
LJ31 - Bombardier Learjet 31/A/B	4
LJ35 - Bombardier Learjet 35/36	2
LJ40 - Learjet 40; Gates Learjet	2
LJ45 - Bombardier Learjet 45	10
LJ55 - Bombardier Learjet 55	2
LJ60 - Bombardier Learjet 60	4
LR24 - unknown	0
LR25 - Bombardier Learjet 25	0
LR35 - Learjet 35	0
LR40 - Bombardier Learjet 40	0
LR45 - Learjet 45	0
LR55 - LearJet 55	0
MU30 - Mitsubishi MU300/ Diamond I	0
PRM1 - Raytheon Premier 1/390 Premier 1	0
SBR1 - North American Rockwell Sabre 40/60	0
SBR2 - North American Rockwell Sabre 75	0
VW24 - IAI 1124 Westwind	0
Total	512
% of Total Ops	25.6%



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2012

Rowan County

Annual Operations

2,003

Rotorcraft	
B06 - Agusta AB-206 LongRanger	0
B40 - Bell 407	0
B407 - Bell 407	0
B412 - Bell 412 Sentinel	0
B222 - Bell 222	0
EXP - McDonnell MD-902 Explorer	2
H72 - UH-72 Lakota is a twin-engine	0
H60 - Sikorsky SH-60 Seahawk	0
UH1 - Bell 204	0
S76 - Sikorsky S-76	0
TH57 - Bell TH57	0
UH60 - Blackhawk Helicopter	0
AS65 - Aérospatiale AS-366	0
B230 - Bell 230	0
EC35 - Eurocopter EC-135	1
EC45 - Eurocopter EC-145	0
Total	3
% of Total Ops	0.1%



ROWAN COUNTY AIRPORT

AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2013

Rowan County

Annual Operations

1,984

Single-Engine Piston		Multi-Engine Piston	
AA1 - American AA-1 Trainer	2	AC50 - Aero Commander 500	2
AA5 - American AA-5 Traveler	13	AC6L - Aero Commander 680FL	0
AA5A - American AA-5 Cheetah	0	AEST - Piper Aero Star	23
AA5B - American Traveler	1	BE18 - Beech 18	0
AC11 - North American Commander 112	0	BE50 - Beech Twin Bonanza	0
AC12 - Rockwell Commander 112	0	BE55 - Beech Baron 55	10
AC14 - Aero Commander AC-14	0	BE58 - Beech 58	110
AG5B - Lancair Tiger AG5B	0	BE60 - Beech 60 Duke	10
BL26 - Viking; Bellanca Aircraft	0	BE65 - Beech 65 Queen Air	1
BE23 - Beech 23 Sundowner	3	BE76 - Beech 76 Duchess	2
BE24 - Beech 24 Sierra	4	BE95 - Beech 95 Travel Air	0
BE33 - Beech Bonanza 33	33	C303 - Cessna T303 Crusader	4
BE35 - Beech Bonanza 35	15	C310 - Cessna 310	15
BE36 - Beech Bonanza 36	71	C320 - Cessna Skyknight	0
BL17 - Bellanca Viking	5	C82 - Fairchild F-78 Packet	0
C140 - Cessna 140	0	C335 - Cessna 335	0
C150 - Cessna 150	7	C337 - Cessna Turbo Super Skymaster	0
C152 - Cessna 152	3	C340 - Cessna 340	9
C170 - Cessna 170	0	C401 - Cessna C-401	0
C172 - Cessna Skyhawk 172/Cutlass	92	C402 - Cessna 401/402	0
C177 - Cessna 177 Cardinal	9	C414 - Cessna Chancellor 414	6
C180 - Cessna 180	4	C421 - Cessna Golden Eagle 421	19
C182 - Cessna Skylane 182	81	DA42 - Diamond Twin Star	16
C185 - Cessna Skywagon 185	1	DC3 - Boeing (Douglas) DC 3	0
C195 - Cessna 195	0	DHC2 - De Havilland Canada DHC-2 Beaver	3
C205 - Cessna 205	0	PA23 - Piper PA-23	2
C206 - Cessna 206 Stationair	5	PA27 - Piper Aztec	2
C210 - Cessna 210 Centurion	82	PA30 - Piper PA-30	2
C72 - Cessna C-175	0	PA31 - Piper Navajo PA-31	6
C72R - Cessna Cutlass RG	4	PA34 - Piper PA-34 Seneca	1
C77R - Cessna Cardinal RG	6	PASE - Piper PA 31 Seneca	1
C82R - Cessna Skylane RG	6	P34T - Piper PA-34 Seneca	0
C82T - Skylane RG, Turbo	0	PA44 - Piper Seminole	0
C90 - Cessna 190	0	PAZT - Piper Aztec	0
COL - Lancair Columbia All Series	0	Total	244
COL3 - Lancair LC-40 Columbia 400	0	% of Total Ops	12.3%
COL4 - Lancair LC-41 Columbia 400	0		
DA20 - Diamond DA 20	5		
DA40 - Diamond Star DA40	64		
GA7 - Grumman American Cougar	0		
GLAS - New Glasair	0		
HUSK - Aviat A-1 Husky Pup	0		
LA25 - Lake Turbo Seafury	2		
LA4 - Lake LA-4	0		
LC40 - Lancair LC-40	0		
LC42 - Lancair LC-42	0		
LEG2 - Lancair Legacy 2000	0		
LNCE - Lancair Super ES	0		
M20 - Mooney M-20C Ranger	1		



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2013

Rowan County

Annual Operations

1,984

Single-Engine Piston		Multi-Engine Piston
M200 - Aero Commander 200	1	
M20A - Mooney M-20C Ranger	0	
M20C - Mooney M-20C Ranger	0	
M20E - Mooney M-20	0	
M20J - Mooney M-205	1	
M20K - Mooney M-20	0	
M20P - Mooney M-20C Ranger	124	
M20R - Mooney M-20	0	
M20T - Turbo Mooney M20K	26	
M5 - Maule M-5 Strata Rocket	0	
M6 - Maule M-6 Super Rocket	0	
M7 - Maule M-7-235 Orion	0	
MO20 - Mooney M-20	7	
MO21 - Mooney Mark 21	1	
P23R - Piper Aztec PA23	0	
P23 - Pottier P-230 Panda	0	
NAVI - C335	0	
P210 - Riley Super P210	17	
P28 - Piper Cherokee	0	
P28A - Piper Cherokee	37	
P28B - Piper Turbo Dakota	20	
P28R - Cherokee Arrow/Turbo	46	
P28T - Piper Arrow 4	4	
P32 - Embraer Lance 2	0	
P32A - Embraer Lance 2	0	
P32R - Piper 32	13	
P32T - Embraer Lance 2	3	
P51 - North American P-51 Mustang	0	
PA20 - Piper PA-20 Pacer	0	
PA22 - Piper PA-22 Tri-Pacer	0	
PA24 - Piper PA-24	8	
PA28 - Piper Cherokee	28	
PA32 - Piper Cherokee Six	22	
PA38 - Piper Tomahawk PA38	0	
PARO - Piper Cherokee Arrow	0	
RV6 - AIEP Air Beetle	5	
RV8 - RV-4/6/7/8; VANS	23	
RV9 - Experimental	0	
SR20 - Cirrus SR-20	11	
SR22 - Cirrus SR 22	43	
T182 - Cessna T182	0	
T6 - North American T-6 Texan	0	
TAMP - Socata TB-9 Tampico	0	
TB21 - Socata TB-21	0	
XL2 - Liberty XL-2	2	
TRIN - Socata TB-21 Trinidad	2	
Z43 - Zlin Z-43	0	
Total	961	
% of Total Ops	48.4%	



ROWAN COUNTY AIRPORT

AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2013

Rowan County

Annual Operations

1,984

Turbo-Prop	
AC90 - Gulfstream Commander	0
AC95 - Gulfstream Jetprop Commander 1000	0
B190 - Beech 1900/C-12J	0
B350 - Beech Super King Air 350	14
B36T - Allison 36 Turbine Bonanza	0
BN2T - Britten Norman BN 2T	0
BE10 - Beech King Air 100 A/B	0
BE20 - Beech 200 Super King	110
BE30 - Raytheon 300 Super King Air	6
BE90 - Beech King Air 90	0
BE9L - Beech King Air 90	43
B9T - Raytheon 90 (F90)	0
BE9 - Beechcraft C99 Airliner; Beech Aircraft	0
BE9T - Beech F90 King Air	12
C130 - Lockheed 130 Hercules	0
C12 - CS2 C212 CASA/IPTN 212 Aviocar	0
C208 - Cessna 208 Caravan	1
C212 - CASA Aviocar	0
C425 - Cessna 425 Corsair	0
C441 - Cessna Conquest	10
CVLP - Convair CV-440 Metropolitan	0
CN35 - CASA CN-235	0
CV58 - Convair CV58	0
CVLT - Convair CV-540/580/600/640, VC-131H	0
E110 - Embraer EMB110	0
E120 - Embraer Brasilia EMB 120	0
F406 - Cessna F406 Vigilant	0
JS31 - BAe-3100 Jetstream	0
JS32 - BAe Jetstream 31	0
MU2 - Mitsubishi Marquise/Solitaire	2
P180 - Piaggio P-180 Avanti	2
PA46 - Piper Malibu	14
P46T - Piper Malibu Meridian	4
PAY1 - Piper Cheyenne 1	5
PAY2 - Piper Cheyenne 2	0
PAY3 - Piper PA-42-720 Cheyenne 3	0
PAY4 - Piper Cheyenne 400	1
PAYE - Cheyenne	0
PC12 - Pilatus PC-12	25
SH33 - Shorts 330	2
SH36 - Shorts 360	0
SW2 - Swearingen Merlin 2	0
SW3 - Fairchild Swearingen SA-226T/TB Merlin 3	0
SW4 - Swearingen Merlin 4/4A Metro2	3
TBM7 - Socata TBM-7	17
TBM8 - Socata TBM-850	4
TEX2 - Raytheon Texan 2	0
Total	275
% of Total Ops	13.9%



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2013

Rowan County

Annual Operations

1,984

Jet	
ASTR - IAI Astra 1125	0
B734 - Boeing 737-400	0
B737 - Boeing 737-700	0
BE40 - Raytheon/Beech Beechjet 400/T-1	24
C25A - Cessna Citation CJ2	3
C25B - Cessna Citation CJ3	3
C500 - Cessna 500/Citation I	0
C501 - Cessna I/SP	4
C510 - Cessna Citation Mustang	2
C525 - Cessna CitationJet/CJ1	47
C550 - Cessna Citation II/Bravo	16
C560 - Cessna Citation V/Ultra/Encore	117
C56X - Cessna Excel/XLS	147
C650 - Cessna III/VI/VII	5
C680 - Cessna Citation Sovereign	17
C750 - Cessna Citation X	4
CL30 - Bombardier (Canadair) Challenger 300	5
CL60 - Bombardier Challenger 600/601/604	16
CL64 - unknown	0
CRJ2 - Bombardier CRJ-200	0
DA10 - Dassault Falcon/Mystère 10	0
DA90 - Dassault Falcon 900	0
E135 - Embraer ERJ 135/140/Legacy	4
E145 - Embraer ERJ-145	0
E50P - Embraer Phenom 100	4
E55P - Embraer Phenom 300	0
EA50 - Eclipse 500	1
F2TH - Dassault Falcon 2000	0
F900 - Dassault Falcon 900	2
FA10 - Dassault Falcon/Mystère 10	0
FA20 - Dassault Falcon/Mystère 20	0
FA7X - Dassault Falcon F7X	0
FA50 - Dassault Falcon/Mystère 50	6
FOUG - Fouga Magister/Tzukit	0
G150 - Gulfstream G150	6
G159 - Gulfstream Aerospace G 159/VC-4	0
G280 - Gulfstream G280	2
GALX - IAI 1126 Galaxy/Gulfstream G200	0
GL5T - Bombardier BD-700 Global 5000	0
GLEX - Bombardier BD-700 Global Express	0
GLF2 - Gulfstream II/G200	0
GLF3 - Gulfstream III/G300	0
GLF4 - Gulfstream IV/G400	2
GLF5 - Gulfstream V/G500	6
H25A - BAe HS 125-1/2/3/400/600	0
H25B - BAe HS 125/700-800/Hawker 800	24
H25C - BAe/Raytheon HS 125-1000/Hawker 1000	0
HA4T - Hawker 4000	0
HS25 - BAe HS 125; British Aerospace	0



ROWAN COUNTY AIRPORT

AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2013

Rowan County

Annual Operations

1,984

Jet	
L29B - Lockheed L-1329 Jetstar 731	0
L39 - Aero L-139 Albatross	4
LJ24 - Bombardier Learjet 24	0
LJ25 - Bombardier Learjet 25	0
LJ31 - Bombardier Learjet 31/A/B	2
LJ35 - Bombardier Learjet 35/36	4
LJ40 - Learjet 40; Gates Learjet	0
LJ45 - Bombardier Learjet 45	4
LJ55 - Bombardier Learjet 55	2
LJ60 - Bombardier Learjet 60	6
LR24 - unknown	0
LR25 - Bombardier Learjet 25	0
LR35 - Learjet 35	0
LR40 - Bombardier Learjet 40	0
LR45 - Learjet 45	0
LR55 - LearJet 55	0
MU30 - Mitsubishi MU300/ Diamond I	0
PRM1 - Raytheon Premier 1/390 Premier 1	6
SBR1 - North American Rockwell Sabre 40/60	0
SBR2 - North American Rockwell Sabre 75	0
VW24 - IAI 1124 Westwind	1
Total	496
% of Total Ops	25.0%



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2013

Rowan County

Annual Operations

1,984

Rotorcraft	
B06 - Agusta AB-206 LongRanger	0
B40 - Bell 407	0
B407 - Bell 407	0
B412 - Bell 412 Sentinel	0
B222 - Bell 222	0
EXP - McDonnell MD-902 Explorer	3
H72 - UH-72 Lakota is a twin-engine	0
H60 - Sikorsky SH-60 Seahawk	0
UH1 - Bell 204	0
S76 - Sikorsky S-76	1
TH57 - Bell TH57	0
UH60 - Blackhawk Helicopter	0
AS65 - Aérospatiale AS-366	0
B230 - Bell 230	0
EC35 - Eurocopter EC-135	4
EC45 - Eurocopter EC-145	0
Total	8
% of Total Ops	0.4%



ROWAN COUNTY AIRPORT

AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2014

Rowan County

Annual Operations

1,463

Single-Engine Piston		Multi-Engine Piston	
AA1 - American AA-1 Trainer	0	AC50 - Aero Commander 500	0
AA5 - American AA-5 Traveler	9	AC6L - Aero Commander 680FL	0
AA5A - American AA-5 Cheetah	1	AEST - Piper Aero Star	15
AA5B - American Traveler	0	BE18 - Beech 18	0
AC11 - North American Commander 112	0	BE50 - Beech Twin Bonanza	0
AC12 - Rockwell Commander 112	0	BE55 - Beech Baron 55	4
AC14 - Aero Commander AC-14	0	BE58 - Beech 58	84
AG5B - Lancair Tiger AG5B	0	BE60 - Beech 60 Duke	3
BL26 - Viking; Bellanca Aircraft	0	BE65 - Beech 65 Queen Air	0
BE23 - Beech 23 Sundowner	2	BE76 - Beech 76 Duchess	1
BE24 - Beech 24 Sierra	1	BE95 - Beech 95 Travel Air	0
BE33 - Beech Bonanza 33	24	C303 - Cessna T303 Crusader	4
BE35 - Beech Bonanza 35	9	C310 - Cessna 310	2
BE36 - Beech Bonanza 36	77	C320 - Cessna Skyknight	0
BL17 - Bellanca Viking	0	C82 - Fairchild F-78 Packet	0
C140 - Cessna 140	0	C335 - Cessna 335	0
C150 - Cessna 150	3	C337 - Cessna Turbo Super Skymaster	0
C152 - Cessna 152	1	C340 - Cessna 340	2
C170 - Cessna 170	0	C401 - Cessna C-401	0
C172 - Cessna Skyhawk 172/Cutlass	72	C402 - Cessna 401/402	0
C177 - Cessna 177 Cardinal	9	C414 - Cessna Chancellor 414	2
C180 - Cessna 180	8	C421 - Cessna Golden Eagle 421	6
C182 - Cessna Skylane 182	37	DA42 - Diamond Twin Star	17
C185 - Cessna Skywagon 185	0	DC3 - Boeing (Douglas) DC 3	0
C195 - Cessna 195	0	DHC2 - De Havilland Canada DHC-2 Beaver	0
C205 - Cessna 205	4	PA23 - Piper PA-23	1
C206 - Cessna 206 Stationair	3	PA27 - Piper Aztec	4
C210 - Cessna 210 Centurion	67	PA30 - Piper PA-30	4
C72 - Cessna C-175	0	PA31 - Piper Navajo PA-31	11
C72R - Cessna Cutlass RG	1	PA34 - Piper PA-34 Seneca	6
C77R - Cessna Cardinal RG	5	PASE - Piper PA 31 Seneca	0
C82R - Cessna Skylane RG	0	P34T - Piper PA-34 Seneca	0
C82T - Skyland RG, Turbo	0	PA44 - Piper Seminole	0
C90 - Cessna 190	0	PAZT - Piper Aztec	0
COL - Lancair Columbia All Series	0		
COL3 - Lancair LC-40 Columbia 400	1		
COL4 - Lancair LC-41 Columbia 400	5		
DA20 - Diamond DA 20	1		
DA40 - Diamond Star DA40	67		
GA7 - Grumman American Cougar	0		
GLAS - New Glasair	1		
HUSK - Aviat A-1 Husky Pup	0		
LA25 - Lake Turbo Seafury	0		
LA4 - Lake LA-4	0		
LC40 - Lancair LC-40	0		
LC42 - Lancair LC-42	0		
LEG2 - Lancair Legacy 2000	2		
LNCE - Lancair Super ES	0		
M20 - Mooney M-20C Ranger	2		
		Total	166
		% of Total Ops	11.3%



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2014

Rowan County

Annual Operations

1,463

Single-Engine Piston		Multi-Engine Piston
M200 - Aero Commander 200	0	
M20A - Mooney M-20C Ranger	0	
M20C - Mooney M-20C Ranger	0	
M20E - Mooney M-20	0	
M20J - Mooney M-205	2	
M20K - Mooney M-20	0	
M20P - Mooney M-20C Ranger	101	
M20R - Mooney M-20	0	
M20T - Turbo Mooney M20K	10	
M5 - Maule M-5 Strata Rocket	0	
M6 - Maule M-6 Super Rocket	0	
M7 - Maule M-7-235 Orion	0	
MO20 - Mooney M-20	8	
MO21 - Mooney Mark 21	0	
P23R - Piper Aztec PA23	0	
P23 - Pottier P-230 Panda	0	
NAVI - C335	2	
P210 - Riley Super P210	18	
P28 - Piper Cherokee	1	
P28A - Piper Cherokee	22	
P28B - Piper Turbo Dakota	11	
P28R - Cherokee Arrow/Turbo	35	
P28T - Piper Arrow 4	0	
P32 - Embraer Lance 2	0	
P32A - Embraer Lance 2	0	
P32R - Piper 32	3	
P32T - Embraer Lance 2	4	
P51 - North American P-51 Mustang	0	
PA20 - Piper PA-20 Pacer	0	
PA22 - Piper PA-22 Tri-Pacer	0	
PA24 - Piper PA-24	9	
PA28 - Piper Cherokee	20	
PA32 - Piper Cherokee Six	16	
PA38 - Piper Tomahawk PA38	0	
PARO - Piper Cherokee Arrow	0	
RV6 - AIEP Air Beetle	0	
RV8 - RV-4/6/7/8; VANS	21	
RV9 - Experimental	0	
SR20 - Cirrus SR-20	7	
SR22 - Cirrus SR 22	20	
T182 - Cessna T182	0	
T6 - North American T-6 Texan	0	
TAMP - Socata TB-9 Tampico	0	
TB21 - Socata TB-21	0	
XL2 - Liberty XL-2	0	
TRIN - Socata TB-21 Trinidad	2	
Z43 - Zlin Z-43	0	
Total		724
% of Total Ops		49.5%



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2014

Rowan County

Annual Operations

1,463

Turbo-Prop	
AC90 - Gulfstream Commander	2
AC95 - Gulfstream Jetprop Commander 1000	0
B190 - Beech 1900/C-12J	0
B350 - Beech Super King Air 350	4
B36T - Allison 36 Turbine Bonanza	0
BN2T - Britten Norman BN 2T	0
BE10 - Beech King Air 100 A/B	8
BE20 - Beech 200 Super King	89
BE30 - Raytheon 300 Super King Air	2
BE90 - Beech King Air 90	0
BE9L - Beech King Air 90	10
B9T - Raytheon 90 (F90)	0
BE9 - Beechcraft C99 Airliner; Beech Aircraft	0
BE9T - Beech F90 King Air	14
C130 - Lockheed 130 Hercules	0
C12 - CS2 C212 CASA/IPTN 212 Aviocar	0
C208 - Cessna 208 Caravan	0
C212 - CASA Aviocar	0
C425 - Cessna 425 Corsair	0
C441 - Cessna Conquest	4
CVLP - Convair CV-440 Metropolitan	0
CN35 - CASA CN-235	0
CV58 - Convair CV58	0
CVLT - Convair CV-540/580/600/640, VC-131H	0
E110 - Embraer EMB110	0
E120 - Embraer Brasilia EMB 120	0
F406 - Cessna F406 Vigilant	0
JS31 - BAe-3100 Jetstream	2
JS32 - BAe Jetstream 31	0
MU2 - Mitsubishi Marquise/Solitaire	2
P180 - Piaggio P-180 Avanti	0
PA46 - Piper Malibu	14
P46T - Piper Malibu Meridian	10
PAY1 - Piper Cheyenne 1	2
PAY2 - Piper Cheyenne 2	2
PAY3 - Piper PA-42-720 Cheyenne 3	0
PAY4 - Piper Cheyenne 400	0
PAYE - Cheyenne	0
PC12 - Pilatus PC-12	11
SH33 - Shorts 330	0
SH36 - Shorts 360	0
SW2 - Swearingen Merlin 2	0
SW3 - Fairchild Swearingen SA-226T/TB Merlin 3	0
SW4 - Swearingen Merlin 4/4A Metro2	2
TBM7 - Socata TBM-7	20
TBM8 - Socata TBM-850	2
TEX2 - Raytheon Texan 2	0
Total	200
% of Total Ops	13.7%



ROWAN COUNTY AIRPORT

AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2014

Rowan County

Annual Operations

1,463

Jet	
ASTR - IAI Astra 1125	0
B734 - Boeing 737-400	0
B737 - Boeing 737-700	0
BE40 - Raytheon/Beech Beechjet 400/T-1	14
C25A - Cessna Citation CJ2	6
C25B - Cessna Citation CJ3	5
C500 - Cessna 500/Citation I	0
C501 - Cessna I/SP	0
C510 - Cessna Citation Mustang	4
C525 - Cessna CitationJet/CJ1	53
C550 - Cessna Citation II/Bravo	9
C560 - Cessna Citation V/Ultra/Encore	74
C56X - Cessna Excel/XLS	117
C650 - Cessna III/VI/VII	2
C680 - Cessna Citation Sovereign	12
C750 - Cessna Citation X	2
CL30 - Bombardier (Canadair) Challenger 300	6
CL60 - Bombardier Challenger 600/601/604	2
CL64 - unknown	0
CRJ2 - Bombardier CRJ-200	0
DA10 - Dassault Falcon/Mystère 10	0
DA90 - Dassault Falcon 900	0
E135 - Embraer ERJ 135/140/Legacy	2
E145 - Embraer ERJ-145	0
E50P - Embraer Phenom 100	0
E55P - Embraer Phenom 300	8
EA50 - Eclipse 500	10
F2TH - Dassault Falcon 2000	0
F900 - Dassault Falcon 900	0
FA10 - Dassault Falcon/Mystère 10	0
FA20 - Dassault Falcon/Mystère 20	0
FA7X - Dassault Falcon F7X	2
FA50 - Dassault Falcon/Mystère 50	0
FOUG - Fouga Magister/Tzukit	0
G150 - Gulfstream G150	0
G159 - Gulfstream Aerospace G 159/VC-4	0
G280 - Gulfstream G280	0
GALX - IAI 1126 Galaxy/Gulfstream G200	4
GL5T - Bombardier BD-700 Global 5000	0
GLEK - Bombardier BD-700 Global Express	0
GLF2 - Gulfstream II/G200	0
GLF3 - Gulfstream III/G300	4
GLF4 - Gulfstream IV/G400	0
GLF5 - Gulfstream V/G500	2
H25A - BAe HS 125-1/2/3/400/600	0
H25B - BAe HS 125/700-800/Hawker 800	12
H25C - BAe/Raytheon HS 125-1000/Hawker 1000	0
HA4T - Hawker 4000	0
HS25 - BAe HS 125; British Aerospace	0



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2014

Rowan County

Annual Operations

1,463

Jet	
L29B - Lockheed L-1329 Jetstar 731	0
L39 - Aero L-139 Albatross	0
LJ24 - Bombardier Learjet 24	0
LJ25 - Bombardier Learjet 25	0
LJ31 - Bombardier Learjet 31/A/B	2
LJ35 - Bombardier Learjet 35/36	4
LJ40 - Learjet 40; Gates Learjet	0
LJ45 - Bombardier Learjet 45	10
LJ55 - Bombardier Learjet 55	0
LJ60 - Bombardier Learjet 60	4
LR24 - unknown	0
LR25 - Bombardier Learjet 25	0
LR35 - Learjet 35	0
LR40 - Bombardier Learjet 40	0
LR45 - Learjet 45	0
LR55 - LearJet 55	0
MU30 - Mitsubishi MU300/ Diamond I	0
PRM1 - Raytheon Premier 1/390 Premier 1	0
SBR1 - North American Rockwell Sabre 40/60	0
SBR2 - North American Rockwell Sabre 75	0
WW24 - IAI 1124 Westwind	0
Total	370
% of Total Ops	25.3%



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

INSTRUMENT FLIGHT RULE OPERATIONS - YEAR 2014

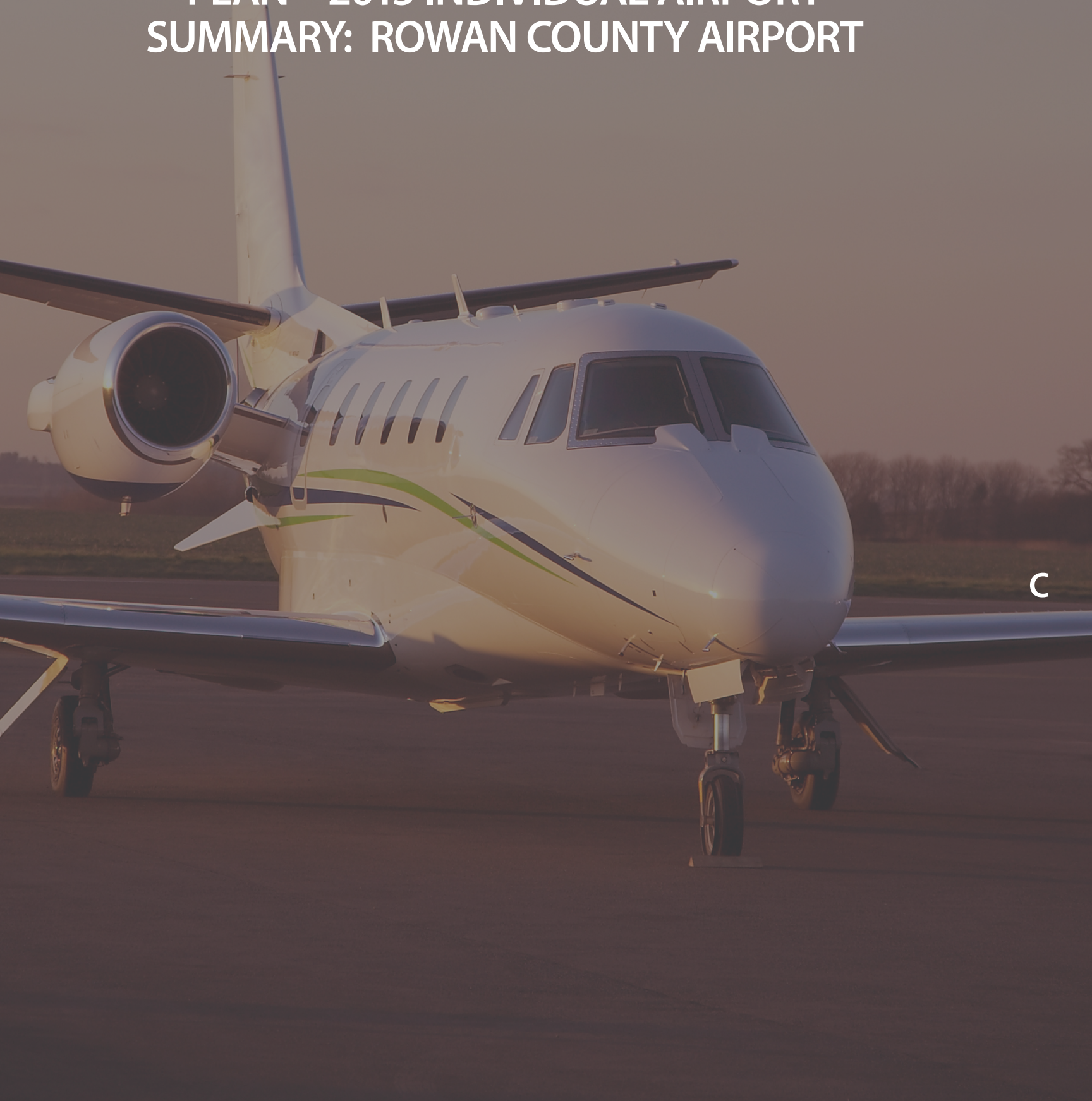
Rowan County

Annual Operations

1,463

Rotorcraft	
B06 - Agusta AB-206 LongRanger	0
B40 - Bell 407	0
B407 - Bell 407	0
B412 - Bell 412 Sentinel	0
B222 - Bell 222	0
EXP - McDonnell MD-902 Explorer	3
H72 - UH-72 Lakota is a twin-engine	0
H60 - Sikorsky SH-60 Seahawk	0
UH1 - Bell 204	0
S76 - Sikorsky S-76	0
TH57 - Bell TH57	0
UH60 - Blackhawk Helicopter	0
AS65 - Aérospatiale AS-366	0
B230 - Bell 230	0
EC35 - Eurocopter EC-135	0
EC45 - Eurocopter EC-145	0
Total	3
% of Total Ops	0.2%

NORTH CAROLINA AIRPORT SYSTEM PLAN – 2015 INDIVIDUAL AIRPORT SUMMARY: ROWAN COUNTY AIRPORT

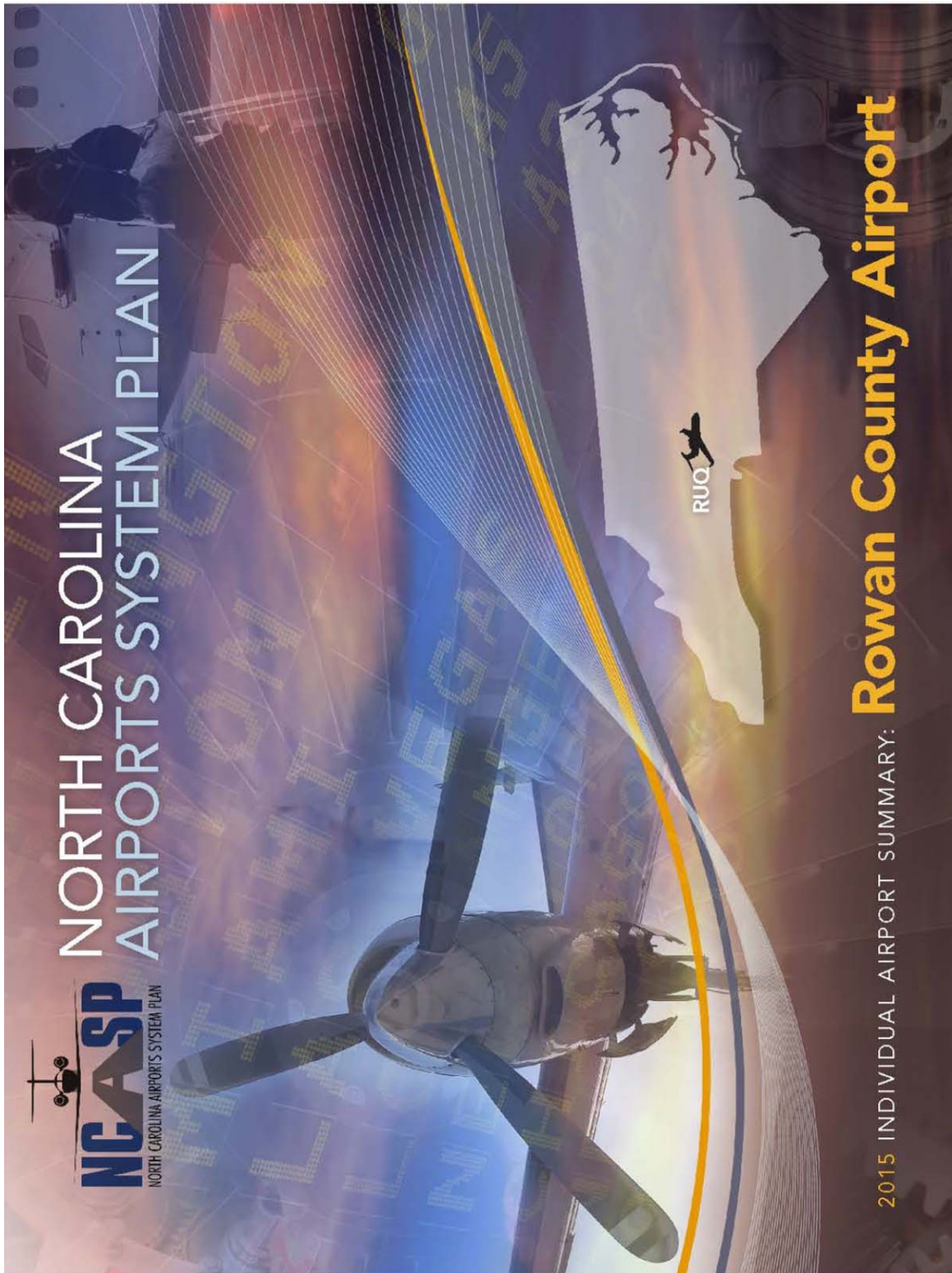




Appendix C

NORTH CAROLINA AIRPORT SYSTEM PLAN

2015 Individual Airport Summary: Rowan County Airport





ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

The North Carolina Airport System

The North Carolina Airport System consists of 72 public-use airports that serve the aviation needs of North Carolina residents and visitors. Ten of these airports provide commercial airline service and the remainder are general aviation airports. The existing system is well-rounded and accessible. Currently, 94% of the state's population resides within 30 minutes of a system airport and 89% of the population lives within 60 minutes of an airport that provides commercial airline service. Similarly, 98% of North Carolina businesses or employment centers are within a 30-minute drive to a system airport.

As future development and economic opportunities arise, expansion and updates to the system's services and coverage are needed to meet increasing demand. Further, key improvements in infrastructure and facilities, some of which are highlighted in this brochure, will be necessary to keep the system positioned for future aviation and economic development opportunities. All of these considerations are discussed in the North Carolina Airports System Plan (NCASP).

About RUQ

Rowan County Airport (RUQ) is located in the City of Salisbury and the County of Rowan in the central portion of the state. The airport is owned by the county and provides general aviation services to its patrons.

Associated County / City	Rowan / Salisbury
Annual Operations (2013)	43,000
Number of Based Aircraft (2013)	106
Primary Runway	02/20
Dimensions	5,501 FT X 100 FT
Taxiway	Full Parallel
Approach/Approach Lighting	Precision / MALSR
Population Within 30-Min. Drive	481,207



Economic Benefit of the Rowan County Airport

(Source: Economic Contribution of North Carolina Airports, 2012)

Aviation contributes significantly to North Carolina's economy by providing employment, serving the business community, and attracting tourism to the state. In addition, the airport provides many vital services to communities that contribute to the health, safety, and general quality of life of North Carolina residents. These services include medical transport, local or regional emergency response and management, and law enforcement. The 2012 economic benefits for the airport are described in the table below.

EMPLOYMENT	670 jobs
PAYROLL	\$20,580,000
ECONOMIC OUTPUT	\$103,350,000

ROWAN COUNTY AIRPORT

Airport Development Plan Facility Objectives/Recommendations

For each airport grouping/role, a series of facility objectives were established to make sure that every airport is meeting the standards and serving the needs of the surrounding communities and the statewide aviation system. The NCASP identifies recommended projects the airport should consider in order to meet Airport Development Plan objectives. The following table summarizes the categories, the airport's existing condition, the objective, and identifies whether the airport meets the objective.

AIRPORT DEVELOPMENT PLAN CATEGORY	ACTUAL (2015)	OBJECTIVE	MEETS OBJECTIVE?
Airport Layout Plan (ALP)	2008	ALP Completed/Updated Within Last 10 Years	Yes
Runway Safety Area (RSA)	300 FT	300 FT	Yes
Runway Protection Zone (RPZ) Ownership	Partial	Fee Simple	No
Pavement Condition Index (PCI) - Primary RWY	87 (as of 2012)	PCI ≥ 75	Yes
Pavement Condition Index (PCI) - Apron	79 (as of 2012)	PCI ≥ 75	Yes
Pavement Condition Index (PCI) - Taxiways	87 (as of 2012)	PCI ≥ 75	Yes
Runway Length	5,501 FT	6,000 FT	No
Runway Width	100 FT	100 FT	Yes
Pavement Strength	45,000lbs SW, 55,000lbs DW	> 60,000lbs SW or DW or Per PCN Analysis if Part 139	No
Visual Navigational Aids	RB, LWS, PAPI-2	Rotating Beacon (RB), Lighted Wind Stock (LWS), PAPI-4	No
Runway Edge Lighting	MIRL	Medium Intensity Runway Lighting (MIRL)	Yes
Weather Reporting Capability	AWOS III-P	AWOS III	Yes
Standard Instrument Approach	Precision Approach (PA), 200', 1/2 mile	Instrument Approach with Vertical Guidance (APV), 250', 3/4m	Yes
Parallel Taxiway	Full Parallel	Full Parallel	Yes
Aircraft Apron	48 spaces	50% Based Aircraft + 20% Busy Day Transient = 31 spaces	Yes
General Aviation Terminal Building	3,900 SF	5,500 SF	No
Taxiway & Apron Edge Lighting	MITL	Medium Intensity Taxiway Lighting (MITL)	Yes
Airfield Signage	L, G	Runway Hold Position (RHP), Location (L), Guidance (G), Distance Remaining (DR)	No
Ground Communication	RCD	UNICOM, Remote Communications Outlet (RCD) or Ground Communications Outlet (GCO)	Yes
Approach Lighting	MALSR	Approach Lighting System (ALS)	Yes
Aircraft Rescue and Firefighting (ARFF) Equipment	Yes	Case by Case	Yes
Hangars	84 hangars	50% Based Aircraft = 68 hangars	Yes
Airfield Maintenance Equipment/Storage Bldg.	Snow removal vehicle, Equipment in storage	Approved Tractor/Building	Yes
Perimeter Fencing	Complete, 10' with barbed wire and 6' with barbed wire	8' Perimeter	No
Fuel Facilities	AvGas, Jet A, Self-Serve	Based on Demand	Yes



Airport Grouping/Role

In 2004, DOA developed and adopted the Airport Groupings Model that used demographic and economic data to identify key community parameters that could be used to determine what type of airport an area could support. Data for the model was updated and groupings were revised as a part of this NCASP. More detail on the model and the methodology are available in the NCASP technical report. The following represent general runway length objectives by Airport Grouping:



As part of the NCASP, Rowan County Airport was classified as a **Red Airport**.

20-Year Costs for NCASP Recommended Projects

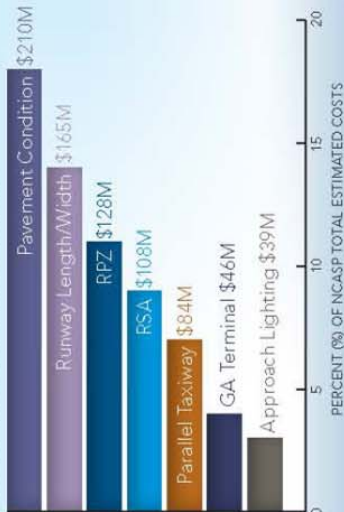
Based on the recommendations in the NCASP, it is estimated that at least \$1.2 billion is needed in order to meet the target goals for the plan's performance measures and ADP objectives. These costs represent planning-level estimates to increase the performance and respond to future needs.

ESTIMATED COSTS BY AIRPORT GROUPING



NCASP ESTIMATED COSTS = \$1.2 BILLION

SELECT PROJECT TYPES/TOTALS



There are additional reports and analyses that were undertaken as part of the NCASP. Some of the publications prepared and available on the Division of Aviation's website include:

- ✦ Airport Pavement Management System (APMS) and Pavement Condition Assessment
- ✦ Automated Weather Observation System (AWOS) Condition Assessments
- ✦ General Aviation Airport Return on Investment Case Studies
- ✦ Aeronautical Surveys for Airports GIS
- ✦ North Carolina Airport Development Programs and Policies Guide (NCADPP)

For more information on these studies or the NCASP, please visit: <http://www.ncdot.gov/aviation/>



PRELIMINARY AIRPORT DEVELOPMENT COSTS





Appendix D

PRELIMINARY AIRPORT DEVELOPMENT COSTS



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

Preliminary Opinion of Probable Cost

Summary

Rowan County Airport

Description	Total (2015 \$)	Federal	Local
Phase I (0-5 years)			
Runway 20 and Parallel Taxiway Extension - Benefit Cost Analysis / Environmental Documentation	\$ 425,000.00	\$ 382,500.00	\$ 42,500.00
Runway 20 and Parallel Taxiway Extension (Package 1: Grading and Drainage)	\$ 20,224,370.00	\$ 18,201,933.00	\$ 2,022,437.00
Runway 20 and Parallel Taxiway Extension (Package 2: Paving and Lighting)	\$ 1,162,420.00	\$ 1,046,178.00	\$ 116,242.00
Runway 20 and Parallel Taxiway Extension (Package 3: Nav aids and Land Acquisition)	\$ 2,206,510.00	\$ 1,985,859.00	\$ 220,651.00
Runway 02 Threshold Displacement	\$ 188,600.00	\$ 169,740.00	\$ 18,860.00
Land Acquisition - Runway 02 Rpx	\$ 7,780,400.00	\$ 7,002,360.00	\$ 778,040.00
Land Acquisition - Runway 20 Rpx	\$ 7,295,000.00	\$ 6,565,500.00	\$ 729,500.00
Partial Parallel Taxiways (West Side)	\$ 7,068,590.00	\$ 6,361,731.00	\$ 706,859.00
New T-Hangars (3) (North Of Existing Apron On East Side)	\$ 4,824,825.00	\$ 2,387,632.50	\$ 2,437,192.50
New Terminal Apron And Taxiway (West Side)	\$ 10,856,805.00	\$ 9,771,124.50	\$ 1,085,680.50
New Terminal Parking And Access Road (West Side)	\$ 2,612,915.00	\$ 2,351,623.50	\$ 261,291.50
New Terminal (West Side)	\$ 1,823,900.00	\$ 66,429.00	\$ 1,757,471.00
Fuel Farm (West Side)	\$ 2,194,142.50	\$ 1,974,728.25	\$ 219,414.25
Corporate Hangars (2) (East Side)	\$ 2,648,369.50	\$ 113,179.77	\$ 2,535,189.73
Corporate Hangars (Adjacent To Old Terminal)	\$ 2,441,105.00	\$ 168,468.30	\$ 2,272,636.70
Subtotal	\$ 73,752,952.00	\$ 58,548,986.82	\$ 15,203,965.18
Phase II (6-10 years)			
5-Unit Box Hangar (Adjacent To Old Terminal)	\$ 678,500.00	\$ 94,743.00	\$ 583,757.00
New T-Hangar (1) (North Of Existing Apron On East Side)	\$ 1,730,175.00	\$ 831,451.00	\$ 898,724.00
New Terminal Apron (West Side)	\$ 7,882,790.00	\$ 7,094,511.00	\$ 788,279.00
New Terminal Expansion (West Side)	\$ 1,977,425.00	\$ 34,303.50	\$ 1,943,121.50
Corporate Hangar (Adjacent To Old Terminal)	\$ 2,408,537.00	\$ 143,072.82	\$ 2,265,464.18
Corporate Hangars (2) And Apron (West Side)	\$ 3,376,342.50	\$ 807,983.55	\$ 2,568,358.95
Corporate Hangar Access Roads (West Side)	\$ 906,545.00	\$ 815,890.50	\$ 90,654.50
Subtotal	\$ 18,960,314.50	\$ 9,821,955.37	\$ 9,138,359.13
Phase III (11-20 years)			
New T-Hangars (2) (North Of Existing Apron On East Side)	\$ 4,194,625.00	\$ 2,393,077.50	\$ 1,801,547.50
Corporate Hangars (1) (East Side)	\$ 1,365,452.50	\$ 88,590.15	\$ 1,276,862.35
Corporate Hangar (Adjacent To Old Terminal)	\$ 2,338,381.25	\$ 174,648.38	\$ 2,163,732.87
Corporate Hangars (4) And Apron (West Side)	\$ 7,990,315.00	\$ 2,630,043.90	\$ 5,360,271.10
New Terminal Parking Lot Expansion (West Side)	\$ 1,196,460.00	\$ 1,076,814.00	\$ 119,646.00
Old Terminal Parking Lot Expansion (East Side)	\$ 253,920.00	\$ 228,528.00	\$ 25,392.00
Subtotal	\$ 17,339,153.75	\$ 6,591,701.93	\$ 10,747,451.82
Total	\$ 110,052,420.25	\$ 74,962,644.12	\$ 35,089,776.13



Preliminary Opinion of Probable Cost
Runway 20 and Parallel Taxiway Extension
Benefit Cost Analysis/Environmental Documentation
Rowan County Airport

Spec No.	Description	Acres/ Quantity	Unit	Unit Price	Total
	Benefit Cost Analysis	1	LS	\$175,000.00	\$175,000.00
	Environmental Documentation	1	LS	\$250,000.00	\$250,000.00
	TOTAL:				<u>\$425,000.00</u>



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

PRELIMINARY OPINION OF PROBABLE COST RUNWAY 20 AND PARALLEL TAXIWAY EXTENSION 625' EXTENSION WITH 600' ERSA 4:1 SLOPES PACKAGE 1: GRADING AND DRAINAGE ROWAN COUNTY AIRPORT SALISBURY, NORTH CAROLINA JULY 2015

SPEC. NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED TOTAL
1	P-150 MOBILIZATION (SHALL NOT EXCEED 3%)	1	LS	\$488,000.00	\$488,000.00
2	P-151 CLEARING AND GRUBBING	10	AC	\$5,000.00	\$50,000.00
3	P-152 EMBANKMENT IN PLACE	900,000	CY	\$12.00	\$10,800,000.00
4	P-156 MISCELLANEOUS EROSION CONTROL	1	LS	\$540,000.00	\$540,000.00
6	D-701 MISCELLANEOUS STORM DRAINAGE	1	LS	\$100,000.00	\$100,000.00
7	T-901 SEEDING/MULCHING	21	AC	\$1,800.00	\$37,800.00
8	STRUC RETAINING WALL	95,000	SF	\$50.00	\$4,750,000.00
9	CONTINGENCY (5%)	1	EA	\$838,000.00	\$838,000.00
CONSTRUCTION TOTAL:					\$17,603,800.00
ENGINEERING, CONSTRUCTION ADMIN, RPR, TESTING (15%):					\$2,640,570.00
PROJECT TOTAL:					\$20,244,370.00



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

PRELIMINARY OPINION OF PROBABLE COST RUNWAY 20 AND PARALLEL TAXIWAY EXTENSION 625' EXTENSION WITH 800' ERS PACKAGE 3: NAVAIDS AND LAND ACQUISITION ROWAN COUNTY AIRPORT SALISBURY, NORTH CAROLINA JULY 2015

SPEC. NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED TOTAL
1	P-150 MOBILIZATION (SHALL NOT EXCEED 3%)	1	LS	\$41,000.00	\$41,000.00
2	NEW GLIDESLOPE ANTENNA AND SHELTER	1	LS	\$340,000.00	\$340,000.00
3	EXISTING MALSR DEMOLITION (COMPLETE/ASSUME NO SALVAGE)	1	LS	\$72,000.00	\$72,000.00
4	NEW MALSR INSTALLATION	1	LS	\$792,000.00	\$792,000.00
5	NEW 2 BOX PAPI INSTALLATION	1	LS	\$22,000.00	\$22,000.00
6	NEW REL INSTALLATION	1	LS	\$15,000.00	\$15,000.00
7	AERIAL SURVEY FOR NEW OBSTRUCTION STUDY AND BID PACKAGE	1	LS	\$35,000.00	\$35,000.00
8	ADDITIONAL OBSTRUCTION REMOVAL DUE TO NEW APPROACH SURFACE	1	LS	\$58,500.00	\$58,500.00
9	OBSTRUCTION REMOVAL DUE TO MODIFIED MALSR LIGHT PLANE	1	LS	\$50,000.00	\$50,000.00
10	FLIGHT CHECK REQUIRED FOR GLIDESLOPE, REL, PAPI, MALSR	1	LS	\$15,000.00	\$15,000.00
11	CONTINGENCY (5%)	1	EA	\$72,000.00	\$72,000.00
12	LA LAND ACQ. WITH ASSISTANCE - 460034	1	LS	\$57,600.00	\$57,600.00
13	LA LAND ACQ. WITH ASSISTANCE - 460033	1	LS	\$80,000.00	\$80,000.00
14	LA LAND ACQ. WITH ASSISTANCE - 460134	1	LS	\$29,500.00	\$29,500.00
15	LA LAND ACQ. WITH ASSISTANCE - 460135	1	LS	\$31,100.00	\$31,100.00
16	LA LAND ACQ. WITH ASSISTANCE - 460031	1	LS	\$140,700.00	\$140,700.00
17	LA LAND ACQ. WITH ASSISTANCE - 460066	1	LS	\$67,300.00	\$67,300.00

CONSTRUCTION TOTAL: \$1,918,700.00

ENGINEERING, CONSTRUCTION ADMIN, RPR, TESTING (15%): \$287,810.00

PROJECT TOTAL: \$2,206,510.00



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

**PRELIMINARY OPINION OF PROBABLE COST
RUNWAY 20 AND PARALLEL TAXIWAY EXTENSION
625' EXTENSION WITH 600' ERSA
PACKAGE 2: PAVING AND LIGHTING
ROWAN COUNTY AIRPORT
SALISBURY, NORTH CAROLINA
JULY 2015**

SPEC. NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED TOTAL
1	P-150 MOBILIZATION (SHALL NOT EXCEED 3%)	1	LS	\$28,000.00	\$28,000.00
2	P-101 MARKING REMOVAL	25,000	SF	\$1.50	\$37,500.00
3	P-152 FINE GRADING	8,000	CY	\$6.00	\$48,000.00
4	P-209 CRUSHED AGGREGATE BASE COURSE	5,900	CY	\$48.00	\$271,400.00
5	P-401 BITUMINOUS CONCRETE SURFACE COURSE	3,500	TN	\$98.00	\$343,000.00
6	P-602 BITUMINOUS PRIME COAT	4,500	GAL	\$4.00	\$18,000.00
7	P-603 BITUMINOUS TACK COAT	2,300	GAL	\$3.00	\$6,900.00
8	P-620 AIRFIELD PAVEMENT MARKING	30,000	SF	\$2.00	\$60,000.00
9	T-901 SEEDING/MULCHING	2	AC	\$1,800.00	\$3,600.00
10	L-108 MISCELLANEOUS ELECTRICAL	1	LS	\$60,000.00	\$60,000.00
11	L-125 L-862 HIRL'S	7	EA	\$1,200.00	\$8,400.00
12	L-125 L-862-E IN PAVEMENT HIRL'S THRESHOLD	8	EA	\$1,000.00	\$8,000.00
13	L-125 L-861T MITL'S	50	EA	\$1,000.00	\$50,000.00
14	L-127 ELECTRICAL MANHOLES	4	EA	\$5,000.00	\$20,000.00
15	CONTINGENCY (5%)	1	EA	\$48,000.00	\$48,000.00
CONSTRUCTION TOTAL:					\$1,010,800.00
ENGINEERING, CONSTRUCTION ADMIN, RPR, TESTING (15%):					\$151,620.00
PROJECT TOTAL:					\$1,162,420.00



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

PRELIMINARY OPINION OF PROBABLE COST
RUNWAY 02 THRESHOLD DISPLACEMENT
ROWAN COUNTY AIRPORT
SALISBURY, NORTH CAROLINA
JULY 2015

SPEC. NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED TOTAL
1	P-150 MOBILIZATION (SHALL NOT EXCEED 3%)	1	LS	\$4,000.00	\$4,000.00
2	P-620 AIRFIELD PAVEMENT MARKING	50,000	SF	\$2.00	\$100,000.00
3	NEW 2 BOX PAPI INSTALLATION	1	LS	\$22,000.00	\$22,000.00
4	NEW REIL INSTALLATION	1	LS	\$15,000.00	\$15,000.00
5	FLIGHT CHECK REQUIRED FOR PAPI	1	LS	\$15,000.00	\$15,000.00
6	CONTINGENCY (5%)	1	LS	\$8,000.00	\$8,000.00
CONSTRUCTION TOTAL:					\$164,000.00
ENGINEERING, CONSTRUCTION ADMIN, RPR, TESTING (15%):					\$24,600.00
PROJECT TOTAL:					\$188,600.00



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

**Preliminary Opinion of Probable Cost
Land Acquisition - Runway 02 RPZ
Rowan County Airport**

Parcel No.	Owner	Acres	Acres To Be		Unit	Unit Price	Total
			Acquired				
471 036	Rowan Corporation	12.03	FULL	LS	\$	750,000.00	\$ 750,000.00
471 041	United Beverages of NC LLC	3.08	FULL	LS	\$	2,593,000.00	\$ 2,593,000.00
471 044	Baja Products Ltd.	10.40	FULL	LS	\$	677,000.00	\$ 677,000.00
471 052	Perma-Flex (Southern Inc.)	9.51	FULL	LS	\$	654,000.00	\$ 654,000.00
471 054	Rowan Investment Co., Inc.	36.30	6.63	LS	\$	511,000.00	\$ 93,000.00
471 109	Tallent Timothy N.	27.01	0.88	LS	\$	385,000.00	\$ 13,000.00
471 115	Hess Larry Weaver	4.50	FULL	LS	\$	862,000.00	\$ 862,000.00
471 120	United Beverages of NC LLC	9.78	FULL	LS	\$	254,000.00	\$ 254,000.00
Subtotal:							\$ 5,896,000.00
Contingency :							\$884,400.00
Land Acquisition Fees:							\$1,000,000.00
TOTAL:							\$ 7,780,400.00



ROWAN COUNTY AIRPORT AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

Preliminary Opinion of Probable Cost Land Acquisition - Runway 20 RPZ Rowan County Airport

Parcel No.	Owner	Acres	Acres To Be Acquired	Unit	Unit Price	Total
061 148	Wayne H. & Judy C. Kennerly	0.94	FULL	LS	\$ 169,000.00	\$ 169,000.00
061 194	Patrick Wayne Kennerly	0.87	FULL	LS	\$ 37,000.00	\$ 37,000.00
061 228	Anthony B. & Christopher M. Kepley	16.04	0.62	LS	\$ 139,000.00	\$ 5,000.00
460 0150000001	George and Susan Beaver	4.65	1.60	LS	\$ 79,000.00	\$ 27,000.00
460 0150000002	George and Susan Beaver	3.87	2.32	LS	\$ 91,000.00	\$ 55,000.00
460 020	North Cardina Properties, LLC.	3.46	FULL	LS	\$ 36,000.00	\$ 36,000.00
460 022	Terry Seay Barringer Jr.	1.86	0.27	LS	\$ 10,000.00	\$ 1,000.00
460 025	Shirley R. & Patsy J. Paxton	0.56	FULL	LS	\$ 90,000.00	\$ 90,000.00
460 026	Paul J. & Glenda B. Shrewberry	2.00	FULL	LS	\$ 106,000.00	\$ 106,000.00
460 027	Janet L. Hagar	0.75	FULL	LS	\$ 20,000.00	\$ 20,000.00
460 028	William Edward Kluttz	1.48	FULL	LS	\$ 97,000.00	\$ 97,000.00
460 029	Mark S. Russell	0.60	FULL	LS	\$ 50,000.00	\$ 50,000.00
460 030	Fred V. & Janet E. Yost	0.17	FULL	LS	\$ 39,000.00	\$ 39,000.00
460 032	Fred V. & Janet E. Yost	1.58	FULL	LS	\$ 18,000.00	\$ 18,000.00
460 035	William Edward Kluttz	0.66	FULL	LS	\$ 48,000.00	\$ 48,000.00
460 04803	Narve B. Safril Trustee	0.68	FULL	LS	\$ 101,000.00	\$ 101,000.00
460 04804	Berardino Quintero	0.68	FULL	LS	\$ 125,000.00	\$ 125,000.00
460 04806	Heather Etal Dupuy	0.68	FULL	LS	\$ 105,000.00	\$ 105,000.00
460 04807	Robert L. & Rena S. Rector	1.15	FULL	LS	\$ 93,000.00	\$ 93,000.00
460 049	William Edward Kluttz	0.68	FULL	LS	\$ 79,000.00	\$ 79,000.00
460 050	William Edward Kluttz	0.68	FULL	LS	\$ 96,000.00	\$ 96,000.00
460 052	Mark J. & Wendy R. Latva	1.30	FULL	LS	\$ 176,000.00	\$ 176,000.00
460 064	William Edward Kluttz	1.37	FULL	LS	\$ 246,000.00	\$ 246,000.00
460 065	Larry Edmond Freeze	0.68	FULL	LS	\$ 120,000.00	\$ 120,000.00
460 137	Bennie N. & Mary S. Goodman	0.96	FULL	LS	\$ 55,000.00	\$ 55,000.00
460 139	Larry Edmond Freeze	0.69	FULL	LS	\$ 24,000.00	\$ 24,000.00
460 142	Navarie Lee Bonds	2.84	0.37	LS	\$ 31,000.00	\$ 4,000.00
460 143	Paul J. & Glenda B. Shrewsbury	0.24	FULL	LS	\$ 6,000.00	\$ 6,000.00
460 157	NHP Canillon LLC	8.52	1.32	LS	\$ 2,643,000.00	\$ 409,000.00
460 166	Paul Daniel Coughenour	1.02	FULL	LS	\$ 14,000.00	\$ 14,000.00
460 172	Janet L. Hager	0.77	FULL	LS	\$ 21,000.00	\$ 21,000.00
460 175	Jimmy D. & Kathy Y. Lemly	0.39	FULL	LS	\$ 95,000.00	\$ 95,000.00
460 182	Amy Sue & Eileen Jan McNally	2.68	FULL	LS	\$ 205,000.00	\$ 205,000.00
460 186	James William Kluttz	0.38	FULL	LS	\$ 125,000.00	\$ 125,000.00
461 0740000002	Alliance Real Estate III, Inc.	42.67	FULL	LS	\$ 2,563,000.00	\$ 2,563,000.00
461 153	Anthony B. & Christopher M. Kepley	13.30	1.14	LS	\$ 158,000.00	\$ 14,000.00
Subtotal:						\$ 5,474,000.00
Contingency :						\$821,000.00
Land Acquisition Fees:						\$1,000,000.00
TOTAL:						\$ 7,295,000.00



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

**Preliminary Opinion of Probable Cost
Partial Parallel Taxiways (West Side)
Rowan County Airport**

Spec No.	Owner/Description	Quantity	Unit	Unit Price	Total
P-150	MOBILIZATION	1	LS	\$266,000.00	\$266,000.00
P-152	EMBANKMENT IN PLACE	375,000	CY	\$12.00	\$4,500,000.00
P-156	MISCELLANEOUS EROSION CONTROL	1	LS	\$70,000.00	\$70,000.00
P-209	CRUSHED AGGREGATE BASE COURSE	3,100	CY	\$65.00	\$201,500.00
P-401	BITUMINOUS CONCRETE SURFACE COURSE	2,200	TN	\$115.00	\$253,000.00
P-602	BITUMINOUS PRIME COAT	2,500	GAL	\$4.00	\$10,000.00
P-603	BITUMINOUS TACK COAT	900	GAL	\$4.00	\$3,600.00
P-620	AIRFIELD PAVEMENT MARKING	1,500	SF	\$2.00	\$3,000.00
D-701	DRAINAGE SYSTEM	1	LS	\$80,000.00	\$80,000.00
T-901	SEEDING	15	AC	\$1,200.00	\$18,000.00
T-908	MULCHING	15	AC	\$800.00	\$12,000.00
L-108	MISCELLANEOUS ELECTRICAL	1	LS	\$50,000.00	\$50,000.00
L-125	L-861T MITL'S	54	EA	\$750.00	\$40,500.00
L-127	ELECTRICAL MANHOLES	10	EA	\$8,000.00	\$80,000.00
	CONTINGENCY (10%)	1	LS	\$559,000.00	\$559,000.00
CONSTRUCTION TOTAL:					\$6,146,600.00
ENGINEERING, CONSTRUCTION ADMIN, RPR, TESTING (15%):					\$921,990.00
TOTAL:					<u>\$7,068,590.00</u>



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

**Preliminary Opinion of Probable Cost
New T-Hangars (3) (North of Existing Apron on East Side)
Rowan County Airport**

Spec No.	Owner/Description	Quantity	Unit	Unit Price	Total
P-150	MOBILIZATION	1	LS	\$182,000.00	\$182,000.00
P-152	EMBANKMENT IN PLACE	88,000	CY	\$12.00	\$1,056,000.00
P-156	MISCELLANEOUS EROSION CONTROL	1	LS	\$60,000.00	\$60,000.00
P-209	CRUSHED AGGREGATE BASE COURSE	6,300	CY	\$65.00	\$409,500.00
P-401	BITUMINOUS CONCRETE SURFACE COURSE	4,300	TN	\$115.00	\$494,500.00
P-602	BITUMINOUS PRIME COAT	5,100	GAL	\$4.00	\$20,400.00
P-603	BITUMINOUS TACK COAT	1,700	GAL	\$4.00	\$6,800.00
P-620	AIRFIELD PAVEMENT MARKING	650	SF	\$2.00	\$1,300.00
D-701	DRAINAGE SYSTEM	1	LS	\$100,000.00	\$100,000.00
T-901	SEEDING	10	AC	\$1,200.00	\$12,000.00
T-908	MULCHING	10	AC	\$800.00	\$8,000.00
L-108	MISCELLANEOUS ELECTRICAL	1	LS	\$10,000.00	\$10,000.00
L-125	L-861T MITL'S	8	EA	\$750.00	\$6,000.00
L-127	ELECTRICAL MANHOLES	1	EA	\$8,000.00	\$8,000.00
	10 UNIT T-HANGAR	3	EA	\$480,000.00	\$1,440,000.00
	CONTINGENCY (10%)	1	LS	\$381,000.00	\$381,000.00
CONSTRUCTION TOTAL:					\$4,195,500.00
ENGINEERING, CONSTRUCTION ADMIN, RPR, TESTING (15%):					\$629,325.00
TOTAL:					<u>\$4,824,825.00</u>



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

**Preliminary Opinion of Probable Cost
New Terminal Apron and Taxiway (West Side)
Rowan County Airport**

Spec No.	Owner/Description	Quantity	Unit	Unit Price	Total
P-150	MOBILIZATION	1	LS	\$409,000.00	\$409,000.00
P-152	EMBANKMENT IN PLACE	400,000	CY	\$12.00	\$4,800,000.00
P-156	MISCELLANEOUS EROSION CONTROL	1	LS	\$65,000.00	\$65,000.00
P-209	CRUSHED AGGREGATE BASE COURSE	21,200	CY	\$65.00	\$1,378,000.00
P-401	BITUMINOUS CONCRETE SURFACE COURSE	14,700	TN	\$115.00	\$1,690,500.00
P-602	BITUMINOUS PRIME COAT	17,400	GAL	\$4.00	\$69,600.00
P-603	BITUMINOUS TACK COAT	5,800	GAL	\$4.00	\$23,200.00
P-620	AIRFIELD PAVEMENT MARKING	2,200	SF	\$2.00	\$4,400.00
D-701	DRAINAGE SYSTEM	1	LS	\$80,000.00	\$80,000.00
T-901	SEEDING	10	AC	\$1,200.00	\$12,000.00
T-908	MULCHING	10	AC	\$800.00	\$8,000.00
L-108	MISCELLANEOUS ELECTRICAL	1	LS	\$15,000.00	\$15,000.00
L-125	L-861T MITL'S	16	EA	\$750.00	\$12,000.00
L-127	ELECTRICAL MANHOLES	2	EA	\$8,000.00	\$16,000.00
	CONTINGENCY (10%)	1	LS	\$858,000.00	\$858,000.00
CONSTRUCTION TOTAL:					\$9,440,700.00
ENGINEERING, CONSTRUCTION ADMIN, RPR, TESTING (15%):					\$1,416,105.00
TOTAL:					\$10,856,805.00



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

**Preliminary Opinion of Probable Cost
New Terminal Parking and Access Road (West Side)
Rowan County Airport**

Spec No.	Owner/Description	Quantity	Unit	Unit Price	Total
P-150	MOBILIZATION	1	LS	\$188,000.00	\$188,000.00
P-152	EMBANKMENT IN PLACE	130,000	CY	\$12.00	\$1,560,000.00
P-156	MISCELLANEOUS EROSION CONTROL	1	LS	\$30,000.00	\$30,000.00
P-209	CRUSHED AGGREGATE BASE COURSE	1,300	CY	\$65.00	\$84,500.00
P-401	BITUMINOUS CONCRETE SURFACE COURSE	1,000	TN	\$115.00	\$115,000.00
P-602	BITUMINOUS PRIME COAT	1,600	GAL	\$4.00	\$6,400.00
P-603	BITUMINOUS TACK COAT	550	GAL	\$4.00	\$2,200.00
P-620	PAVEMENT MARKING	1,000	SF	\$2.00	\$2,000.00
D-701	DRAINAGE SYSTEM	1	LS	\$40,000.00	\$40,000.00
T-901	SEEDING	3	AC	\$1,200.00	\$3,600.00
T-908	MULCHING	3	AC	\$800.00	\$2,400.00
L-108	MISCELLANEOUS ELECTRICAL	1	LS	\$15,000.00	\$15,000.00
L-127	ELECTRICAL MANHOLES	2	EA	\$8,000.00	\$16,000.00
	CONTINGENCY (10%)	1	LS	\$207,000.00	\$207,000.00
CONSTRUCTION TOTAL:					\$2,272,100.00
ENGINEERING, CONSTRUCTION ADMIN, RPR, TESTING (15%):					\$340,815.00
TOTAL:					\$2,612,915.00



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

**Preliminary Opinion of Probable Cost
New Terminal (West Side)
Rowan County Airport**

Spec No.	Owner/Description	Quantity	Unit	Unit Price	Total
P-150	MOBILIZATION	1	LS	\$131,000.00	\$131,000.00
P-152	UNCLASSIFIED EXCAVATION	200	CY	\$15.00	\$3,000.00
P-156	MISCELLANEOUS EROSION CONTROL	1	LS	\$25,000.00	\$25,000.00
	MISCELLANEOUS DEMOLITION	1	LS	\$15,000.00	\$15,000.00
D-701	DRAINAGE SYSTEM	1	LS	\$18,000.00	\$18,000.00
	TERMINAL BUILDING (5,000 SF)	5,000	SF	\$250.00	\$1,250,000.00
	CONTINGENCY (10%)	1	LS	\$144,000.00	\$144,000.00
CONSTRUCTION TOTAL:					\$1,586,000.00
ENGINEERING, CONSTRUCTION ADMIN, RPR, TESTING (15%):					\$237,900.00
TOTAL:					<u>\$1,823,900.00</u>



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

**Preliminary Opinion of Probable Cost
Fuel Farm (West Side)
Rowan County Airport**

Spec No.	Owner/Description	Quantity	Unit	Unit Price	Total
P-150	MOBILIZATION	1	LS	\$158,000.00	\$158,000.00
P-152	EMBANKMENT IN PLACE	60,000	CY	\$12.00	\$720,000.00
P-156	MISCELLANEOUS EROSION CONTROL	1	LS	\$45,000.00	\$45,000.00
P-209	CRUSHED AGGREGATE BASE COURSE	500	CY	\$65.00	\$32,500.00
P-401	BITUMINOUS CONCRETE SURFACE COURSE	350	TN	\$115.00	\$40,250.00
P-602	BITUMINOUS PRIME COAT	400	GAL	\$4.00	\$1,600.00
P-603	BITUMINOUS TACK COAT	150	GAL	\$4.00	\$600.00
P-620	PAVEMENT MARKING	500	SF	\$2.00	\$1,000.00
D-701	DRAINAGE SYSTEM	1	LS	\$30,000.00	\$30,000.00
T-901	SEEDING	3	AC	\$1,200.00	\$3,600.00
T-908	MULCHING	3	AC	\$800.00	\$2,400.00
	FUEL FARM (3 TANKS)	1	LS	\$700,000.00	\$700,000.00
	CONTINGENCY (10%)	1	LS	\$173,000.00	\$173,000.00
CONSTRUCTION TOTAL:					\$1,907,950.00
ENGINEERING, CONSTRUCTION ADMIN, RPR, TESTING (15%):					\$286,192.50
TOTAL:					\$2,194,142.50



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

**Preliminary Opinion of Probable Cost
Corporate Hangars (2) (East Side)
Rowan County Airport**

Spec No.	Owner/Description	Quantity	Unit	Unit Price	Total
P-150	MOBILIZATION	1	LS	\$190,000.00	\$190,000.00
P-152	UNCLASSIFIED EXCAVATION	500	CY	\$15.00	\$7,500.00
P-156	MISCELLANEOUS EROSION CONTROL	1	LS	\$15,000.00	\$15,000.00
P-209	CRUSHED AGGREGATE BASE COURSE	450	CY	\$65.00	\$29,250.00
P-401	BITUMINOUS CONCRETE SURFACE COURSE	400	TN	\$115.00	\$46,000.00
P-602	BITUMINOUS PRIME COAT	500	GAL	\$4.00	\$2,000.00
P-603	BITUMINOUS TACK COAT	170	GAL	\$4.00	\$680.00
P-620	AIRFIELD PAVEMENT MARKING	750	SF	\$2.00	\$1,500.00
T-901	SEEDING	1	AC	\$1,200.00	\$1,200.00
T-908	MULCHING	1	AC	\$800.00	\$800.00
	CORPORATE HANGAR	2	EA	\$900,000.00	\$1,800,000.00
	CONTINGENCY (10%)	1	LS	\$209,000.00	\$209,000.00
CONSTRUCTION TOTAL:					\$2,302,930.00
ENGINEERING, CONSTRUCTION ADMIN, RPR, TESTING (15%):					\$345,439.50
TOTAL:					\$2,648,369.50



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

**Preliminary Opinion of Probable Cost
Corporate Hangars (Adjacent to Old Terminal)
Rowan County Airport**

Spec No.	Owner/Description	Quantity	Unit	Unit Price	Total
P-150	MOBILIZATION	1	LS	\$175,000.00	\$175,000.00
P-152	UNCLASSIFIED EXCAVATION	1,000	CY	\$15.00	\$15,000.00
P-156	MISCELLANEOUS EROSION CONTROL	1	LS	\$10,000.00	\$10,000.00
	MISCELLANEOUS DEMOLITION	1	LS	\$15,000.00	\$15,000.00
P-209	CRUSHED AGGREGATE BASE COURSE	650	CY	\$65.00	\$42,250.00
P-401	BITUMINOUS CONCRETE SURFACE COURSE	350	TN	\$115.00	\$40,250.00
P-602	BITUMINOUS PRIME COAT	400	GAL	\$4.00	\$1,600.00
P-603	BITUMINOUS TACK COAT	150	GAL	\$4.00	\$600.00
D-701	DRAINAGE SYSTEM	1	LS	\$30,000.00	\$30,000.00
	CORPORATE HANGAR	1	LS	\$1,600,000.00	\$1,600,000.00
	CONTINGENCY (10%)	1	LS	\$193,000.00	\$193,000.00
CONSTRUCTION TOTAL:					\$2,122,700.00
ENGINEERING, CONSTRUCTION ADMIN, RPR, TESTING (15%):					\$318,405.00
TOTAL:					\$2,441,105.00



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

**Preliminary Opinion of Probable Cost
5-Unit Box Hangar (Adjacent to Old Terminal)
Rowan County Airport**

Spec No.	Owner/Description	Quantity	Unit	Unit Price	Total
P-150	MOBILIZATION	1	LS	\$49,000.00	\$49,000.00
P-152	EMBANKMENT IN PLACE	3,000	CY	\$15.00	\$45,000.00
P-156	MISCELLANEOUS EROSION CONTROL	1	LS	\$25,000.00	\$25,000.00
	MISCELLANEOUS DEMOLITION	1	LS	\$15,000.00	\$15,000.00
T-901	SEEDING	1	AC	\$1,200.00	\$1,200.00
T-908	MULCHING	1	AC	\$800.00	\$800.00
	5-UNIT BOX HANGAR	1	EA	\$400,000.00	\$400,000.00
	CONTINGENCY (10%)	1	LS	\$54,000.00	\$54,000.00
CONSTRUCTION TOTAL:					\$590,000.00
ENGINEERING, CONSTRUCTION ADMIN, RPR, TESTING (15%):					\$88,500.00
TOTAL:					<u>\$678,500.00</u>



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

**Preliminary Opinion of Probable Cost
New T-Hangar (I) (North of Existing Apron on East Side)
Rowan County Airport**

Spec No.	Owner/Description	Quantity	Unit	Unit Price	Total
P-150	MOBILIZATION	1	LS	\$124,000.00	\$124,000.00
P-152	EMBANKMENT IN PLACE	35,000	CY	\$12.00	\$420,000.00
P-156	MISCELLANEOUS EROSION CONTROL	1	LS	\$35,000.00	\$35,000.00
P-209	CRUSHED AGGREGATE BASE COURSE	1,600	CY	\$65.00	\$104,000.00
P-401	BITUMINOUS CONCRETE SURFACE COURSE	1,300	TN	\$115.00	\$149,500.00
P-602	BITUMINOUS PRIME COAT	1,500	GAL	\$4.00	\$6,000.00
P-603	BITUMINOUS TACK COAT	500	GAL	\$4.00	\$2,000.00
D-701	DRAINAGE SYSTEM	1	LS	\$45,000.00	\$45,000.00
T-901	SEEDING	1	AC	\$1,200.00	\$1,200.00
T-908	MULCHING	1	AC	\$800.00	\$800.00
	10 UNIT T-HANGAR	1	EA	\$480,000.00	\$480,000.00
	CONTINGENCY (10%)	1	LS	\$137,000.00	\$137,000.00
CONSTRUCTION TOTAL:					\$1,504,500.00
ENGINEERING, CONSTRUCTION ADMIN, RPR, TESTING (15%):					\$225,675.00
TOTAL:					<u>\$1,730,175.00</u>



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

**Preliminary Opinion of Probable Cost
New Terminal Apron (West Side)
Rowan County Airport**

Spec No.	Owner/Description	Quantity	Unit	Unit Price	Total
P-150	MOBILIZATION	1	LS	\$297,000.00	\$297,000.00
P-152	EMBANKMENT IN PLACE	350,000	CY	\$12.00	\$4,200,000.00
P-156	MISCELLANEOUS EROSION CONTROL	1	LS	\$60,000.00	\$60,000.00
P-209	CRUSHED AGGREGATE BASE COURSE	9,100	CY	\$65.00	\$591,500.00
P-401	BITUMINOUS CONCRETE SURFACE COURSE	7,500	TN	\$115.00	\$862,500.00
P-602	BITUMINOUS PRIME COAT	8,900	GAL	\$4.00	\$35,600.00
P-603	BITUMINOUS TACK COAT	3,000	GAL	\$4.00	\$12,000.00
P-620	AIRFIELD PAVEMENT MARKING	1,000	SF	\$2.00	\$2,000.00
D-701	DRAINAGE SYSTEM	1	LS	\$120,000.00	\$120,000.00
T-901	SEEDING	10	AC	\$1,200.00	\$12,000.00
T-908	MULCHING	10	AC	\$800.00	\$8,000.00
L-108	MISCELLANEOUS ELECTRICAL	1	LS	\$15,000.00	\$15,000.00
L-127	ELECTRICAL MANHOLES	2	EA	\$8,000.00	\$16,000.00
	CONTINGENCY (10%)	1	LS	\$623,000.00	\$623,000.00
CONSTRUCTION TOTAL:					\$6,854,600.00
ENGINEERING, CONSTRUCTION ADMIN, RPR, TESTING (15%):					\$1,028,190.00
TOTAL:					<u>\$7,882,790.00</u>



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

**Preliminary Opinion of Probable Cost
New Terminal Expansion (West Side)
Rowan County Airport**

Spec No.	Owner /Description	Quantity	Unit	Unit Price	Total
P-150	MOBILIZATION	1	LS	\$78,000.00	\$78,000.00
P-152	UNCLASSIFIED EXCAVATION	100	CY	\$15.00	\$1,500.00
P-156	MISCELLANEOUS EROSION CONTROL	1	LS	\$15,000.00	\$15,000.00
	MISCELLANEOUS DEMOLITION	1	LS	\$15,000.00	\$15,000.00
	TERMINAL BUILDING EXPANSION (3,000 SF)	3,000	SF	\$250.00	\$750,000.00
	CONTINGENCY (10%)	1	LS	\$860,000.00	<u>\$860,000.00</u>
CONSTRUCTION TOTAL:					\$1,719,500.00
ENGINEERING, CONSTRUCTION ADMIN, RPR, TESTING (15%):					<u>\$257,925.00</u>
TOTAL:					<u><u>\$1,977,425.00</u></u>



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

**Preliminary Opinion of Probable Cost
Corporate Hangar (Adjacent to Old Terminal)
Rowan County Airport**

Spec No.	Owner/Description	Quantity	Unit	Unit Price	Total
P-150	MOBILIZATION	1	LS	\$173,000.00	\$173,000.00
P-152	UNCLASSIFIED EXCAVATION	500	CY	\$15.00	\$7,500.00
P-156	MISCELLANEOUS EROSION CONTROL	1	LS	\$10,000.00	\$10,000.00
	MISCELLANEOUS DEMOLITION	1	LS	\$20,000.00	\$20,000.00
P-209	CRUSHED AGGREGATE BASE COURSE	500	CY	\$65.00	\$32,500.00
P-401	BITUMINOUS CONCRETE SURFACE COURSE	300	TN	\$115.00	\$34,500.00
P-602	BITUMINOUS PRIME COAT	350	GAL	\$4.00	\$1,400.00
P-603	BITUMINOUS TACK COAT	120	GAL	\$4.00	\$480.00
D-701	DRAINAGE SYSTEM	1	LS	\$25,000.00	\$25,000.00
	CORPORATE HANGAR	1	EA	\$1,600,000.00	\$1,600,000.00
	CONTINGENCY (10%)	1	LS	\$190,000.00	\$190,000.00
CONSTRUCTION TOTAL:					\$2,094,380.00
ENGINEERING, CONSTRUCTION ADMIN, RPR, TESTING (15%):					\$314,157.00
TOTAL:					<u>\$2,408,537.00</u>



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

**Preliminary Opinion of Probable Cost
Corporate Hangars (2) and Apron (West Side)
Rowan County Airport**

Spec No.	Owner/Description	Quantity	Unit	Unit Price	Total
P-150	MOBILIZATION	1	LS	\$127,000.00	\$127,000.00
P-152	EMBANKMENT IN PLACE	45,000	CY	\$12.00	\$540,000.00
P-156	MISCELLANEOUS EROSION CONTROL	1	LS	\$20,000.00	\$20,000.00
P-209	CRUSHED AGGREGATE BASE COURSE	1,400	CY	\$65.00	\$91,000.00
P-401	BITUMINOUS CONCRETE SURFACE COURSE	450	TN	\$115.00	\$51,750.00
P-602	BITUMINOUS PRIME COAT	600	GAL	\$4.00	\$2,400.00
P-603	BITUMINOUS TACK COAT	200	GAL	\$4.00	\$800.00
D-701	DRAINAGE SYSTEM	1	LS	\$30,000.00	\$30,000.00
T-901	SEEDING	3	AC	\$1,200.00	\$3,600.00
T-908	MULCHING	3	AC	\$800.00	\$2,400.00
	CORPORATE HANGAR	2	EA	\$900,000.00	\$1,800,000.00
	CONTINGENCY (10%)	1	LS	\$267,000.00	\$267,000.00
CONSTRUCTION TOTAL:					\$2,935,950.00
ENGINEERING, CONSTRUCTION ADMIN, RPR, TESTING (15%):					\$440,392.50
TOTAL:					<u>\$3,376,342.50</u>



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

**Preliminary Opinion of Probable Cost
Corporate Hangar Access Roads (West Side)
Rowan County Airport**

Spec No.	Owner/Description	Quantity	Unit	Unit Price	Total
P-150	MOBILIZATION	1	LS	\$65,000.00	\$65,000.00
P-152	EMBANKMENT IN PLACE	40,000	CY	\$12.00	\$480,000.00
P-156	MISCELLANEOUS EROSION CONTROL	1	LS	\$25,000.00	\$25,000.00
P-209	CRUSHED AGGREGATE BASE COURSE	700	CY	\$65.00	\$45,500.00
P-401	BITUMINOUS CONCRETE SURFACE COURSE	600	TN	\$115.00	\$69,000.00
P-602	BITUMINOUS PRIME COAT	900	GAL	\$4.00	\$3,600.00
P-603	BITUMINOUS TACK COAT	300	GAL	\$4.00	\$1,200.00
P-620	PAVEMENT MARKING	500	SF	\$2.00	\$1,000.00
D-701	DRAINAGE SYSTEM	1	LS	\$20,000.00	\$20,000.00
T-901	SEEDING	3	AC	\$1,200.00	\$3,600.00
T-908	MULCHING	3	AC	\$800.00	\$2,400.00
	CONTINGENCY (10%)	1	LS	\$72,000.00	\$72,000.00
CONSTRUCTION TOTAL:					\$788,300.00
ENGINEERING, CONSTRUCTION ADMIN, RPR, TESTING (15%):					\$118,245.00
TOTAL:					<u>\$906,545.00</u>



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

**Preliminary Opinion of Probable Cost
New T-Hangars (2) (North of Existing Apron on East Side)
Rowan County Airport**

Spec No.	Owner/Description	Quantity	Unit	Unit Price	Total
P-150	MOBILIZATION	1	LS	\$158,000.00	\$158,000.00
P-152	EMBANKMENT IN PLACE	130,000	CY	\$12.00	\$1,560,000.00
P-156	MISCELLANEOUS EROSION CONTROL	1	LS	\$60,000.00	\$60,000.00
P-209	CRUSHED AGGREGATE BASE COURSE	3,200	CY	\$65.00	\$208,000.00
P-401	BITUMINOUS CONCRETE SURFACE COURSE	2,500	TN	\$115.00	\$287,500.00
P-602	BITUMINOUS PRIME COAT	3,000	GAL	\$4.00	\$12,000.00
P-603	BITUMINOUS TACK COAT	1,000	GAL	\$4.00	\$4,000.00
D-701	DRAINAGE SYSTEM	1	LS	\$60,000.00	\$60,000.00
T-901	SEEDING	3	AC	\$1,200.00	\$3,600.00
T-908	MULCHING	3	AC	\$800.00	\$2,400.00
	10 UNIT T-HANGAR	2	EA	\$480,000.00	\$960,000.00
	CONTINGENCY (10%)	1	LS	\$332,000.00	\$332,000.00
CONSTRUCTION TOTAL:					\$3,647,500.00
ENGINEERING, CONSTRUCTION ADMIN, RPR, TESTING (15%):					\$547,125.00
TOTAL:					<u>\$4,194,625.00</u>



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

**Preliminary Opinion of Probable Cost
Corporate Hangars (I) (East Side)
Rowan County Airport**

Spec No.	Owner/Description	Quantity	Unit	Unit Price	Total
P-150	MOBILIZATION	1	LS	\$98,000.00	\$98,000.00
P-152	UNCLASSIFIED EXCAVATION	300	CY	\$15.00	\$4,500.00
P-156	MISCELLANEOUS EROSION CONTROL	1	LS	\$15,000.00	\$15,000.00
P-209	CRUSHED AGGREGATE BASE COURSE	350	CY	\$65.00	\$22,750.00
P-401	BITUMINOUS CONCRETE SURFACE COURSE	300	TN	\$115.00	\$34,500.00
P-602	BITUMINOUS PRIME COAT	375	GAL	\$4.00	\$1,500.00
P-603	BITUMINOUS TACK COAT	125	GAL	\$4.00	\$500.00
P-620	AIRFIELD PAVEMENT MARKING	300	SF	\$2.00	\$600.00
T-901	SEEDING	1	AC	\$1,200.00	\$1,200.00
T-908	MULCHING	1	AC	\$800.00	\$800.00
	CORPORATE HANGAR	1	EA	\$900,000.00	\$900,000.00
	CONTINGENCY (10%)	1	LS	\$108,000.00	\$108,000.00
CONSTRUCTION TOTAL:					\$1,187,350.00
ENGINEERING, CONSTRUCTION ADMIN, RPR, TESTING (15%):					\$178,102.50
TOTAL:					<u>\$1,365,452.50</u>



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

**Preliminary Opinion of Probable Cost
Corporate Hangar (Adjacent to Old Terminal)
Rowan County Airport**

Spec No.	Owner/Description	Quantity	Unit	Unit Price	Total
P-150	MOBILIZATION	1	LS	\$88,000.00	\$88,000.00
P-152	UNCLASSIFIED EXCAVATION	500	CY	\$15.00	\$7,500.00
P-156	MISCELLANEOUS EROSION CONTROL	1	LS	\$12,000.00	\$12,000.00
	MISCELLANEOUS DEMOLITION	1	LS	\$25,000.00	\$25,000.00
P-209	CRUSHED AGGREGATE BASE COURSE	600	CY	\$65.00	\$39,000.00
P-401	BITUMINOUS CONCRETE SURFACE COURSE	425	TN	\$115.00	\$48,875.00
P-602	BITUMINOUS PRIME COAT	550	GAL	\$4.00	\$2,200.00
P-603	BITUMINOUS TACK COAT	200	GAL	\$4.00	\$800.00
D-701	DRAINAGE SYSTEM	1	LS	\$25,000.00	\$25,000.00
	CORPORATE HANGAR	1	EA	\$1,600,000.00	\$1,600,000.00
	CONTINGENCY (10%)	1	LS	\$185,000.00	\$185,000.00
CONSTRUCTION TOTAL:					\$2,033,375.00
ENGINEERING, CONSTRUCTION ADMIN, RPR, TESTING (15%):					\$305,006.25
TOTAL:					<u>\$2,338,381.25</u>



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

**Preliminary Opinion of Probable Cost
Corporate Hangars (4) and Apron (West Side)
Rowan County Airport**

Spec No.	Owner/Description	Quantity	Unit	Unit Price	Total
P-150	MOBILIZATION	1	LS	\$301,000.00	\$301,000.00
P-152	EMBANKMENT IN PLACE	160,000	CY	\$12.00	\$1,920,000.00
P-156	MISCELLANEOUS EROSION CONTROL	1	LS	\$45,000.00	\$45,000.00
P-209	CRUSHED AGGREGATE BASE COURSE	3,300	CY	\$65.00	\$214,500.00
P-401	BITUMINOUS CONCRETE SURFACE COURSE	1,400	TN	\$115.00	\$161,000.00
P-602	BITUMINOUS PRIME COAT	1,600	GAL	\$4.00	\$6,400.00
P-603	BITUMINOUS TACK COAT	550	GAL	\$4.00	\$2,200.00
D-701	DRAINAGE SYSTEM	1	LS	\$60,000.00	\$60,000.00
T-901	SEEDING	3	AC	\$1,200.00	\$3,600.00
T-908	MULCHING	3	AC	\$800.00	\$2,400.00
	CORPORATE HANGAR	4	EA	\$900,000.00	\$3,600,000.00
	CONTINGENCY (10%)	1	LS	\$632,000.00	\$632,000.00
CONSTRUCTION TOTAL:					\$6,948,100.00
ENGINEERING, CONSTRUCTION ADMIN, RPR, TESTING (15%):					\$1,042,215.00
TOTAL:					<u>\$7,990,315.00</u>



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

**Preliminary Opinion of Probable Cost
New Terminal Parking Lot Expansion (West Side)
Rowan County Airport**

Spec No.	Owner/Description	Quantity	Unit	Unit Price	Total
P-150	MOBILIZATION	1	LS	\$86,000.00	\$86,000.00
P-152	EMBANKMENT IN PLACE	50,000	CY	\$12.00	\$600,000.00
P-156	MISCELLANEOUS EROSION CONTROL	1	LS	\$45,000.00	\$45,000.00
P-209	CRUSHED AGGREGATE BASE COURSE	1,000	CY	\$65.00	\$65,000.00
P-401	BITUMINOUS CONCRETE SURFACE COURSE	800	TN	\$115.00	\$92,000.00
P-602	BITUMINOUS PRIME COAT	1,200	GAL	\$4.00	\$4,800.00
P-603	BITUMINOUS TACK COAT	400	GAL	\$4.00	\$1,600.00
D-701	DRAINAGE SYSTEM	1	LS	\$45,000.00	\$45,000.00
T-901	SEEDING	3	AC	\$1,200.00	\$3,600.00
T-908	MULCHING	3	AC	\$800.00	\$2,400.00
	CONTINGENCY (10%)	1	LS	\$95,000.00	\$95,000.00
CONSTRUCTION TOTAL:					\$1,040,400.00
ENGINEERING, CONSTRUCTION ADMIN, RPR, TESTING (15%):					\$156,060.00
TOTAL:					<u>\$1,196,460.00</u>



ROWAN COUNTY AIRPORT
AIRPORT LAYOUT PLAN SUPPLEMENTAL INFORMATION

Preliminary Opinion of Probable Cost
Old Terminal Parking Lot Expansion (East Side)
Rowan County Airport

Spec No.	Owner/Description	Quantity	Unit	Unit Price	Total
P-150	MOBILIZATION	1	LS	\$18,000.00	\$18,000.00
P-152	EMBANKMENT IN PLACE	3,500	CY	\$15.00	\$52,500.00
P-156	MISCELLANEOUS EROSION CONTROL	1	LS	\$30,000.00	\$30,000.00
P-209	CRUSHED AGGREGATE BASE COURSE	400	CY	\$65.00	\$26,000.00
P-401	BITUMINOUS CONCRETE SURFACE COURSE	300	TN	\$115.00	\$34,500.00
P-602	BITUMINOUS PRIME COAT	500	GAL	\$4.00	\$2,000.00
P-603	BITUMINOUS TACK COAT	200	GAL	\$4.00	\$800.00
D-701	DRAINAGE SYSTEM	1	LS	\$35,000.00	\$35,000.00
T-901	SEEDING	1	AC	\$1,200.00	\$1,200.00
T-908	MULCHING	1	AC	\$800.00	\$800.00
	CONTINGENCY (10%)	1	LS	\$20,000.00	\$20,000.00
CONSTRUCTION TOTAL:					\$220,800.00
ENGINEERING, CONSTRUCTION ADMIN, RPR, TESTING (15%):					\$33,120.00
TOTAL:					\$253,920.00



Charlotte, NC
704.426.6070
talbertbright@tbeclt.com

Columbia, SC
803.933.9290
talbertbright@tbeclt.com

TALBERT, BRIGHT & ELLINGTON