

County Facilities Committee - Airport
Department of Public Works
AGENDA
March 27, 2017 – 9:30am

Committee Members: *GIRARD, Strough, Beaty, Braymer, Geraghty, Leggett, MacDonald, Montesi, Seeber, Simpson*

- I. Committee Meeting Call To Order.....** Chairman Girard
- II. Motion to Approve Minutes of Prior Committee Meeting.....** Chairman Girard
- III. Action Agenda/New Business**
None
- IV. Referral/Pending Items**
Public Hearing Date for RWY 1-19 Extension federal EA
Civic Center, Heritage Hall Room, April 5, 2017, 6:30pm
- V. Information for Discussion/Review**
Airport Master Plan Review
- VI. Privilege of the Floor to discuss any additional items to come before the Committee**
- VII. Motion to Adjourn**

Attachments
Airport Layout Plan

WARREN COUNTY

NOTICE OF AVAILABILITY / NOTICE OF PUBLIC HEARING

FLOYD BENNETT MEMORIAL AIRPORT – RUNWAY 1 EXTENSION (1,000 FEET) AND OBSTRUCTION REMOVAL ENVIRONMENTAL ASSESSMENT

Notice of Impacts to Wetlands in accordance with section 2(b) of E.O. 11990, Protection of Wetlands

Warren County announces the completion of a Draft Environmental Assessment (DEA) for the proposed runway extension and obstruction removal project at the Floyd Bennett Memorial Airport. The DEA has been prepared in accordance with the Federal National Environmental Policy Act (NEPA) of 1969, as amended, Federal Aviation Administration (FAA) Order 1050.1F, and FAA Order 5050.4B. The purpose of the proposed project is to provide adequate runway length and required runway safety areas to accommodate the family of critical design airplanes/aircraft currently operating at the airport and anticipated to operate at the airport in the next five years. The DEA evaluates the environmental, social, and economic consequences of the runway extension and obstruction removal project. Affected resources include biotic communities and wetlands, however, the project will mitigate impacts below significance levels.

Document Availability:

The DEA document will be available for download on Warren County's website at <http://www.warrencountyny.gov/gov/publicHearings/>

Copies of the DEA will also be available for review during regular business hours at the following locations beginning February 18, 2017:

1. Terminal Building, Floyd Bennett Memorial Airport, 443 Queensbury Avenue, NY 12804
2. Warren County Clerk of the Board of Supervisor's office, Warren County Municipal Center, 1340 State Route 9, Lake George, NY 12845
3. Crandall Public Library, 251 Glen Street, Glens Falls, NY 12801

Public Hearing:

A formal public hearing will be held beginning at 6:30 PM on Wednesday, April 5, 2017, at the Heritage Hall, 1 Civic Center Plaza, Glens Falls, NY 12801 at which time the public can comment on the DEA document. A court reporter will be available to record public comments and written comment forms will be provided for those that wish to submit comments in writing.

Public Comments:

The public comment period will extend from February 18, 2017 through April 15, 2017. Please send any comments that were not provided at the hearing to the following:

Ross Dubarry
Airport Manager
443 Queensbury Avenue, Room 201
Queensbury, NY 12804
518-792-5995

*** Proof of Publication ***

WARREN COUNTY AFFIDAVIT

STATE OF NEW YORK:

County of Warren, ss:

Donna Morehouse _____ being duly sworn,

says that (s)he is an authorized designee for Lee Enterprises, publishers of THE POST-STAR, a daily newspaper published in Glens Falls, Warren County, State of New York, and that the printed notice attached hereto was cut from the said POST-STAR, and that the said notice was published therein, namely

Warren County - Runway 1
February 18, 2017

C & S Companies
141 ELM STREET SUITE 100
BUFFALO, NY 14203

ORDER NUMBER 11349

Signed this 20 day of February, 2017
[Signature]

Sworn to before me this 20 day of FEB, 2017
[Signature]

PUBLISHED ON: 02/18/2017

JAMES L. CORCORAN
Notary Public - State of New York
No. 01000130976
147 E. Erie Street, Glens Falls, NY
Exp. 09/19/2017

TOTAL AD COST: 66.71
FILED ON: 2/10/2017

***** Proof of Publication *****

**WARREN COUNTY
NOTICE OF AVAILABILITY /
NOTICE OF PUBLIC HEARING
FLOYD BENNETT MEMORIAL
AIRPORT - RUNWAY 1
EXTENSION (1,000 FEET) AND
OBSTRUCTION REMOVAL
ENVIRONMENTAL ASSESSMENT**
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Airport Manager
443 Queensbury Avenue, Room 201
Queensbury, NY 12804
518-792-5995

PUB: FEBRUARY 18, 2017

AFFIDAVIT OF PUBLICATION
State of New York
County of Warren }SS.:

Shannon Christian being duly sworn that she resides in the Town of Westport, County of Essex, New York and that she is the Agent of the NEWS-ENTERPRISE a weekly newspaper published at North Creek in the County of Warren, and that the notice, a printed copy of which is hereto attached, was printed in said NEWS-ENTERPRISE on the following dates:

02/18/2017

Signed this 20th day of February, 2017

Shannon Christian
Agent

Sworn to before me this 20th day of February, 2017

Gayle M. Alexander
Notary Public

Gayle M. Alexander
Notary Public, State of New York
No. 01AL4977709
Qualified in Essex County

Commission Expires 02/11/2019
143965

WARREN COUNTY
NOTICE OF AVAILABILITY / NOTICE OF PUBLIC HEARING
BENNETT MEMORIAL AIRPORT RUNWAY 1 EXTENSION AND OBSTRUCTION REMOVAL ENVIRONMENTAL ASSESSMENT
Notice of impacts to Wetlands in accordance with section 209 of E.O. 13990 - Protection of Wetlands
Warren County announces the completion of a Draft Environmental Assessment (DEA) for the proposed runway extension and obstruction removal project at the Floyd Bennett Memorial Airport. The DEA has been prepared in accordance with the Federal National Environmental Policy Act (NEPA) of 1969, as amended, Federal Aviation Administration Order 10501P and FAA Order 5050.4B. The purpose of the proposed project is to provide adequate runway length and required runway safety areas to accommodate the family of critical design aircraft currently operating at the airport and anticipated to operate at the airport in the next five years. The DEA evaluates the environmental, social and economic consequences of the runway extension and obstruction removal project. Affected resources include biotic communities and wetlands; however, the project will mitigate impacts below significant levels.

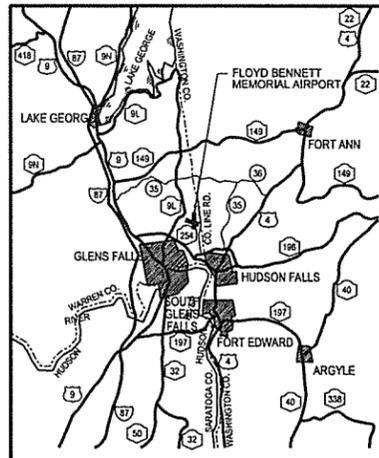
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1. Terminal Building, Floyd Bennett Memorial Airport, 443 Queensbury Avenue, NY 12801
2. Warren County Clerk of the Board of Supervisors office, Warren County Municipal Center, 1340 State Route 9, Lake George, NY 12845
3. Central Public Library, 251 Glen Street, Glens Falls, NY 12801
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Ross Didary
Airport Manager
443 Queensbury Avenue, Room 201
Queensbury, NY 12804
518-792-5595
NEPA/02/18/2017/110
143965

**Floyd Bennett
Capital Improvement Program**

3/17/2017

Airport:		State:		NPIAS #:		LOC ID:						
Floyd Bennett Memorial Airport / Warren County		NY		36-0033		GFL						
Project Description/Narrative	NPR	Federal Funds (\$1,000)			State Matching Funds (\$1,000)	Local (\$1,000)		State funded only	Totals (\$1,000)	Environmental Type	Environmental Status	Comments
		Entitlement	Discretionary	State Apportionment		PFC	Other					
2018												
Runway 1-19 Extension (Construction) & Wetland Mitigation (Phase I)	54/51/59/93	\$ 150	\$ 3,900		\$ 225		\$ 225		\$ 4,500	EA	4/1/2017	
Aircraft Apron Reconstruction (Design)	60			\$ 108	\$ 6		\$ 6		\$ 120	CATX	11/30/2017	
Acquire Snow Removal Equipment			\$ 450		\$ 25		\$ 25		\$ 500	Undoc. CATX		
									\$ -			
									\$ -			
Total FY2018		\$ 150	\$ 4,350	\$ 108	\$ 256	\$ -	\$ 256	\$ -	\$ 5,120			
2019												
Runway 1-19 Extension (Construction) & Wetland Mitigation (Phase II)	54/51/59/93	\$ 150	\$ 3,000		\$ 175		\$ 175		\$ 3,500	EA	4/1/2017	
									\$ -			
									\$ -			
									\$ -			
									\$ -			
Total FY2019		\$ 150	\$ 3,000	\$ -	\$ 175	\$ -	\$ 175	\$ -	\$ 3,500			
2020												
ALP/Master Plan Update, AGIS, Drainage Study	62/64	\$ 150		\$ 300	\$ 25		\$ 25		\$ 500	Undoc. CATX		
Aircraft Apron Reconstruction (Construction)	56/58			\$ 1,125	\$ 63		\$ 63		\$ 1,250	CATX	11/30/2017	
									\$ -			
									\$ -			
									\$ -			
Total FY2020		\$ 150	\$ -	\$ 1,425	\$ 88	\$ -	\$ 88	\$ -	\$ 1,750			

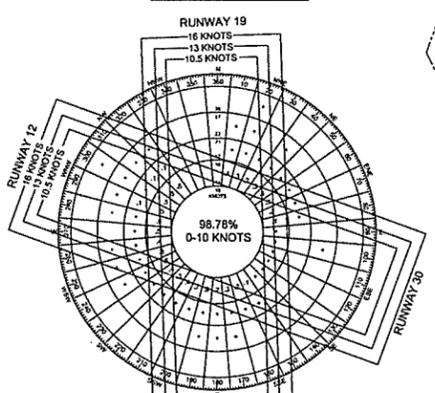
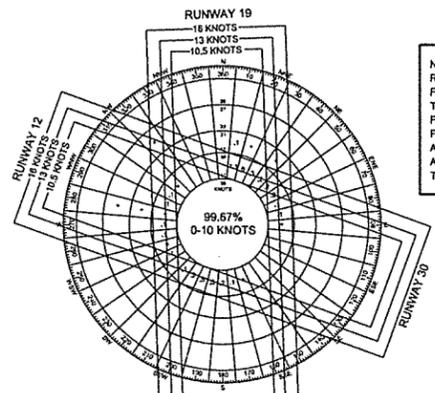
Airport: Floyd Bennett Memorial Airport / Warren County		State: NY		NPIAS #: 36-0033		LOC ID: GFL						
Project Description/Narrative	NPR	Federal Funds (\$1,000)			State Matching Funds (\$1,000)	Local (\$1,000)		State funded only	Totals (\$1,000)	Environmental Type	Environmental Status	Comments
		Entitlement	Discretionary	State Apportionment		PFC	Other					
2021												
Parallel Taxiway on Runway 12-30 (EA)	46/47	\$ 150		\$ 30	\$ 10		\$ 10		\$ 300	EA		
									\$ -			
									\$ -			
									\$ -			
Total FY2021		\$ 150	\$ -	\$ 30	\$ 10	\$ -	\$ 10	\$ -	\$ 300			
2022												
Parallel Taxiway on Runway 12-30 (Design)	46/47	\$ 150		\$ 30	\$ 10		\$ 10		\$ 200	EA		
Snow Removal Equipment Building (Construction)	36/38			\$ 1,800	\$ 100		\$ 100		\$ 2,250	FONSI 7/13/2006		
									\$ -			
									\$ -			
									\$ -			
Total FY2022		\$ 150	\$ -	\$ 1,830	\$ 110	\$ -	\$ 110	\$ -	\$ 2,450			
2023												
Parallel Taxiway on Runway 12-30 (Construction)	46/47	\$ 150		\$ 1,500	\$ 92		\$ 92		\$ 1,833	EA		
									\$ -			
									\$ -			
									\$ -			
									\$ -			
Total FY2023		\$ 150	\$ -	\$ 1,500	\$ 92	\$ -	\$ 92	\$ -	\$ 1,833			



EXISTING BUILDING / FACILITIES	
NO.	DESCRIPTION
1	TERMINAL APRON (SOUTH)
2	TERMINAL APRON (NORTH)
3	BASED AIRCRAFT APRON
4	TERMINAL/ADMINISTRATION
5	ELECTRICAL BUILDING
6	ARFF BUILDING
7	FORMER FBO OFFICE
8	MAIN HANGAR
9	T-HANGARS (3-6 BAY)
10	T-HANGAR (1-6 BAY)
11	AIRCRAFT MAINTENANCE HANGAR
12	COUNTY GARAGE
13	COUNTY GARAGE
14	FUEL FARM 1 (AVGAS 100 LL)
14	FUEL FARM 2 (JET-A)
15	AIRPORT ENTRANCE ROAD
16	AUTO PARKING LOT
17	MAINTENANCE HANGAR
18	LEACH FIELD
19	CONVENTIONAL HANGAR
20	CONVENTIONAL HANGAR
21	CONVENTIONAL HANGAR
22	CONVENTIONAL HANGAR
25	T-HANGAR (1-10 BAY)
26	T-HANGAR (1-10 BAY)

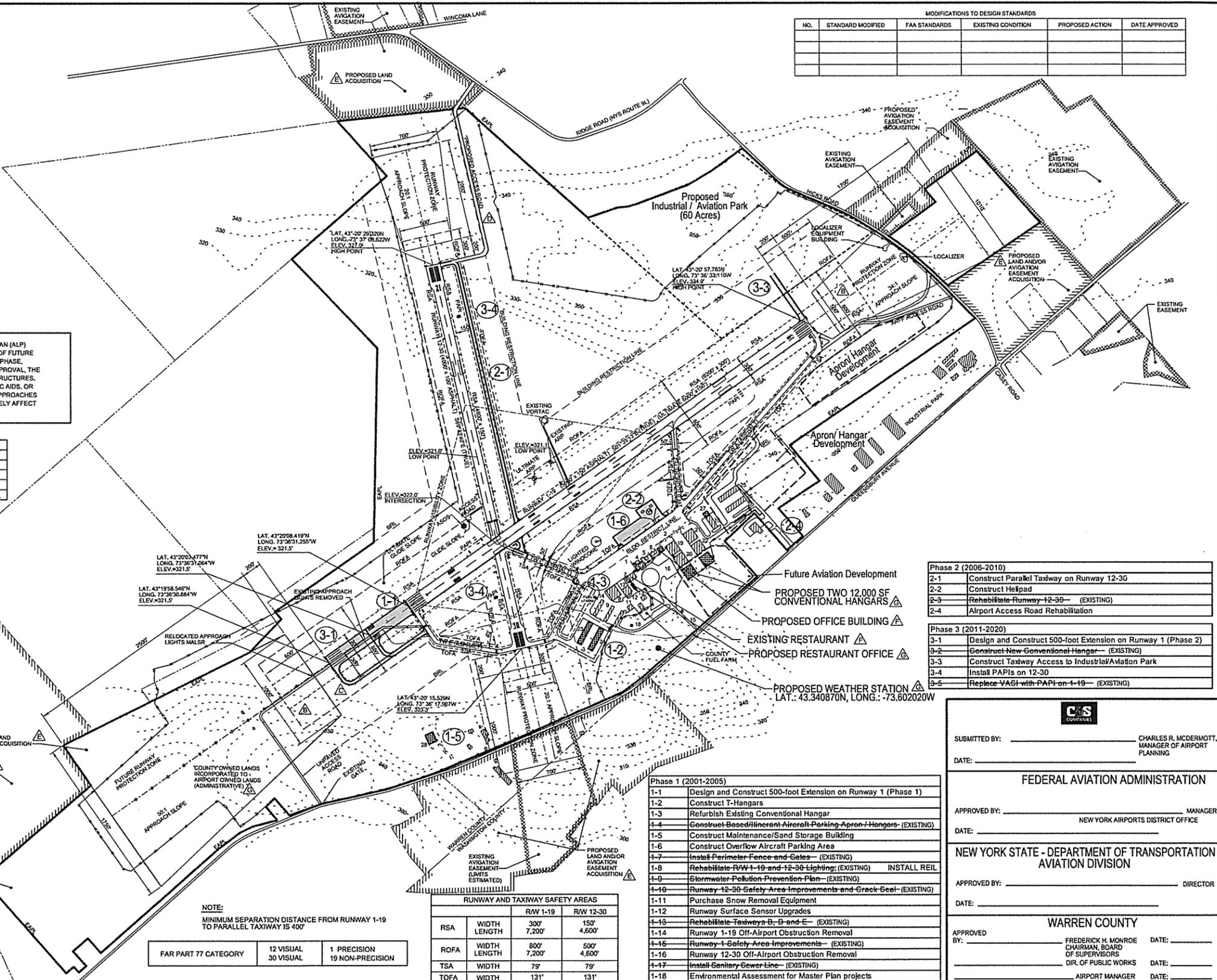
NOTE: THE FAA'S APPROVAL OF THIS AIRPORT LAYOUT PLAN (ALP) REPRESENTS ACCEPTANCE OF THE GENERAL LOCATION OF FUTURE FACILITIES DEPICTED, DURING THE PRELIMINARY DESIGN PHASE. THE AIRPORT OWNER IS REQUIRED TO RESUBMIT FOR APPROVAL, THE FINAL LOCATIONS, HEIGHTS, AND EXTERIOR FINISH OF STRUCTURES. FAA CONCERN IS OBSTRUCTIONS, IMPACT ON ELECTRONIC AIDS, OR ADVERSE EFFECT ON CONTROLLER VIEW OF AIRCRAFT APPROACHES AND GROUND MOVEMENT AREAS, WHICH COULD ADVERSELY AFFECT THE SAFETY, EFFICIENCY, OR UTILITY OF THE AIRPORT.

PROPOSED BUILDING / FACILITIES	
NO.	DESCRIPTION
23	T-HANGAR (1-10 BAY)
24	T-HANGAR (1-10 BAY)
27	T-HANGAR (2 BAY)
28	MAINTENANCE/SAND STORAGE BLDG.



RUNWAY	12 MPH (10.5 KNOTS)		15 MPH (13 KNOTS)		18 MPH (16 KNOTS)	
	IFR	ALL WEATHER	IFR	ALL WEATHER	IFR	ALL WEATHER
1-19	99.78%	94.93%	99.37%	97.49%	99.89%	99.53%
12-30	96.07%	94.17%	97.68%	96.86%	99.67%	99.50%
COMBINED	99.67%	98.78%	99.06%	99.79%	100.00%	99.93%

SOURCE: NATIONAL CLIMATIC DATA CENTER, ASHVILLE, NORTH CAROLINA
PERIOD COVERED: 1994-2003
* LATITUDE / LONGITUDE AND ELEVATION DATA IS FROM FAA FORM 5010 (4-20-2000)



MODIFICATIONS TO DESIGN STANDARDS					
NO.	STANDARD MODIFIED	FAA STANDARDS	EXISTING CONDITION	PROPOSED ACTION	DATE APPROVED

Phase 2 (2006-2010)	
2-1	Construct Parallel Taxiway on Runway 12-30
2-2	Construct Helipad
2-3	Rehabilitate Runway 12-30 (EXISTING)
2-4	Airport Access Road Rehabilitation

Phase 3 (2011-2020)	
3-1	Design and Construct 500-foot Extension on Runway 1 (Phase 2)
3-2	Construct New Conventional Hangar (EXISTING)
3-3	Construct Taxiway Access to Industrial Aviation Park
3-4	Install PAPIs on 12-30
3-5	Replace VASI with PAPI on 1-19 (EXISTING)

Phase 1 (2001-2005)	
1-1	Design and Construct 500-foot Extension on Runway 1 (Phase 1)
1-2	Construct T-Hangars
1-3	Refurbish Existing Conventional Hangar
1-4	Construct Based/Transient Aircraft Parking Apron/Hangars (EXISTING)
1-5	Construct Maintenance/Sand Storage Building
1-6	Construct Overflow Aircraft Parking Area
1-7	Install Perimeter Fence and Gates (EXISTING)
1-8	Rehabilitate RWY 1-19 and 12-30 Lighting (EXISTING) INSTALL REIL
1-9	Stormwater Pollution Prevention Plan (EXISTING)
1-10	Runway 12-30 Safety Area Improvements and Crack Seal (EXISTING)
1-11	Purchase Snow Removal Equipment
1-12	Runway Surface Sensor Upgrades
1-13	Rehabilitate Taxiways B, D and E (EXISTING)
1-14	Runway 1-19 Off-Airport Obstruction Removal
1-15	Runway 1 Safety Area Improvements (EXISTING)
1-16	Runway 12-30 Off-Airport Obstruction Removal
1-17	Install Sanitary Sewer Line (EXISTING)
1-18	Environmental Assessment for Master Plan projects

CS COMPANIES

SUBMITTED BY: _____ CHARLES R. MCDERMOTT, MANAGER OF AIRPORT PLANNING

DATE: _____

FEDERAL AVIATION ADMINISTRATION

APPROVED BY: _____ MANAGER, NEW YORK AIRPORTS DISTRICT OFFICE

DATE: _____

NEW YORK STATE - DEPARTMENT OF TRANSPORTATION AVIATION DIVISION

APPROVED BY: _____ DIRECTOR

DATE: _____

WARREN COUNTY

APPROVED BY: _____ FREDERICK H. MONROE, CHAIRMAN, BOARD OF SUPERVISORS, DIR. OF PUBLIC WORKS

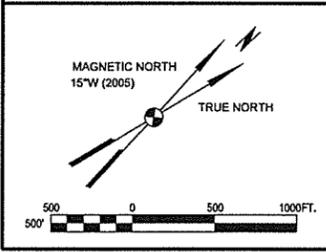
DATE: _____

DATE: _____ AIRPORT MANAGER

NOTE: MINIMUM SEPARATION DISTANCE FROM RUNWAY 1-19 TO PARALLEL TAXIWAY IS 400'

FAR PART 77 CATEGORY		12 VISUAL	1 PRECISION
		30 VISUAL	19 NON-PRECISION

RUNWAY AND TAXIWAY SAFETY AREAS			
		R/W 1-19	R/W 12-30
RSA	WIDTH	300'	150'
	LENGTH	7,200'	4,600'
ROFA	WIDTH	800'	500'
	LENGTH	7,200'	4,600'
TSA	WIDTH	79'	79'
TOFA	WIDTH	131'	131'



AIRPORT DATA		
ITEMS	EXISTING	FUTURE
AIRPORT ELEVATION (MSL) *	328'	328'
REFERENCE POINT (ARP) LAT. *	43° 20' 28.356" N	43° 20' 25.869" N
REFERENCE POINT (ARP) LONG. *	73° 36' 37.107" W	73° 36' 36.504" W
MEAN MAXIMUM TEMPERATURE	79°F	79°F
MAGNETIC VARIATION (YEAR)	15°W (2005)	15°W (2005)
AIRPORT CATEGORY	TRANSPORT	TRANSPORT
CRITICAL AIRCRAFT / ARC	CHALLENGER 300 B-II	CHALLENGER 300 B-II
AIRPORT NAVAIDS	VORTIC, ROTATING BEACON, DIRECTION FINDER, LIGHT W/ALCOHOL	VORTIC, ROTATING BEACON, DIRECTION FINDER, LIGHT W/ALCOHOL

RUNWAY DATA					
ITEMS	RUNWAY 1 - 19		RUNWAY 12 - 30		
	EXISTING	FUTURE	EXISTING	FUTURE	
PHYSICAL LENGTH & WIDTH	5000' X 150' (ASPHALT-GROOVED)	6000' X 150' (ASPHALT-GROOVED)	4000' X 100' (ASPHALT)	4000' X 100' (ASPHALT)	
EFFECTIVE GRADIENT (%)	0.1%	0.1%	0.15%	0.15%	
WIND COVERAGE (%) (13 KNOTS)	97.49%	97.49%	96.86%	96.86%	
PAVEMENT STRENGTH (000 LBS.)	SW80, DW110, DTW 180	SW80, DW110, DTW 180	SW39, DW53, DTW 76	SW39, DW53, DTW 76	
APPROACH SURFACES	RW1-50:1/RW19-34:1	RW1-50:1/RW19-34:1	20:1	20:1	
RUNWAY LIGHTING	HIRL	HIRL	MIRL	MIRL	
RUNWAY MARKING	PRECISION INSTR. (I) NON-PRECISION INSTR. (I)	PRECISION INSTR. (I) NON-PRECISION INSTR. (I)	BASIC (12-30)	BASIC (12-30)	
NAVIGATION/VISUAL AIDS	ILS, TVOR, VASI	ILS, TVOR, VASI	REILS	PAPI	

LEGEND	
EXISTING BUILDING	▨
PROPERTY LINE	---
EXISTING AIRPORT PROPERTY LINE	FAPI
RUNWAY OBJECT FREE AREA (ROFA)	ROFA
CONTOUR LINE	--- 800 ---
RUNWAY SAFETY AREA (RSA)	RSA
FUTURE BUILDING	▨
EXISTING FENCE	---

REVISIONS		
SYM	DATE	CHANGE
△	5/20/11	ARC FOR RW 1-19 CHANGED TO B-II
△	5/20/11	REDUCE RW 1-19 RSA AND ROFA SEPARATION DIST.
△	12/30/13	ADD E. ACCESS ROAD
△	12/30/13	ADJUST LAND ACQUISITION/PROP. OFFICE BUILDING AND RESTAURANT
△	7/14/14	LAND TRANSFER WEATHER STATION EQUIP. 3 BLDGS.

FIGURE 7-1

FLOYD BENNETT MEMORIAL AIRPORT

QUEENSBURY, NEW YORK WARREN COUNTY

AIRPORT LAYOUT PLAN

DESIGNED: JCT DRAWN: JCT SHEET 3 of 10

CHECKED: KCK DATE: JUNE 2009

PROJECT FILE NO.: 107.016.001 CADD FILE NO.: 1629AP07.DGN

CS COMPANIES