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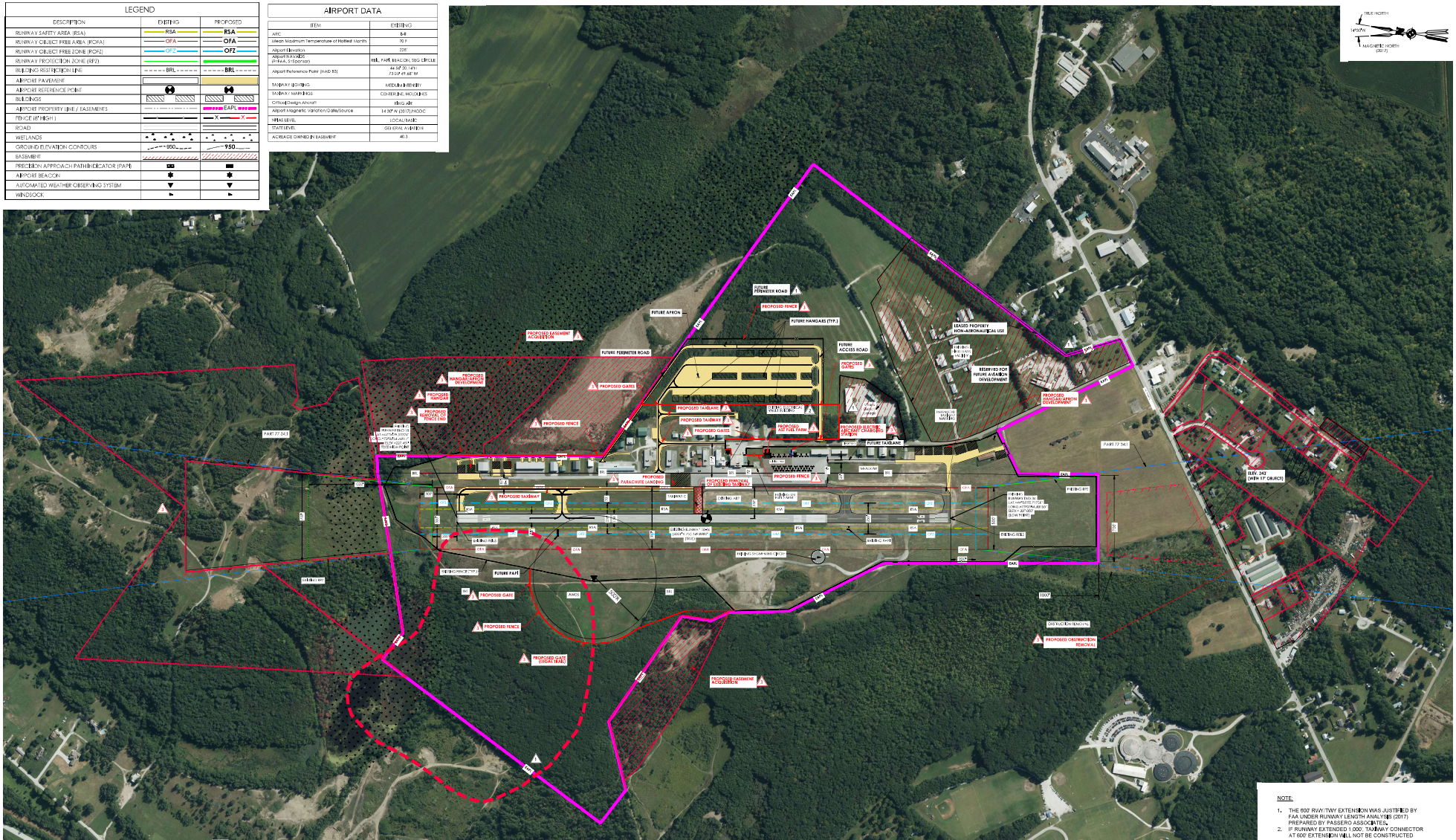
LEGEND

DESCRIPTION	EXISTING	PROPOSED
RUNWAY SAFETY AREA (RSA)	RSA	RSA
RUNWAY OBJECT FREE AREA (ROFA)	OFA	OFA
RUNWAY OBJECT FREE ZONE (ROFZ)	OFZ	OFZ
RUNWAY PROTECTION ZONE (RPZ)		
BUILDING RESTRICTION LINE	BRL	BRL
AIRPORT PAVEMENT		
AIRPORT REFERENCE POINT		
BUILDINGS		
AIRPORT PROPERTY LINE / EASEMENTS		EAPL
FENCE (8' HIGH)		
ROAD		
WETLANDS		
GROUND ELEVATION CONTOURS	950	950
EASEMENT		
PRECISION APPROACH PATH INDICATOR (PAPI)		
AIRPORT BEACON		
AUTOMATED WEATHER OBSERVING SYSTEM		
WINDSOCK		

AIRPORT DATA

ITEM	EXISTING
ARC	B-II
Mean Maximum Temperature of Hottest Month	70 F
Airport Elevation	229'
Airport Navaids (FHWA, S1Sponsor)	REIL, PAPI, BEACON, SEG CIRCLE
Airport Reference Point (NAD 83)	44 58' 20.14"N 73 09' 49.68" W
TAXIWAY LIGHTING	MEDIUM INTENSITY
TAXIWAY MARKINGS	CENTERLINE, HOLDLINES
Critical Design Aircraft	DHC8 -401
Airport Magnetic Variation/Date/Source	14.30° W (2017) NOAA
NPIAS LEVEL	LOCAL/BASIC
STATE LEVEL	GENERAL AVIATION
ACREAGE OWNED IN EASEMENT	40.3



RUNWAY DATA

	RWY 36	RWY 18
ITEM	EXISTING	EXISTING
Runway length – width	4001' x 75'	4001' x 75'
Strength (pounds)	SW 12,500	SW 12,500
Composition	ASPHALT	ASPHALT
Markings	NON-PRECISION	NON-PRECISION
Instrument Procedures	RNAV/GPS	RNAV/GPS/VOR/DME
Instrument Minimums	1 Mile	1 Mile
Lighting Runway	Medium Intensity	Medium Intensity
RVR/ATIS	NONE	NONE
Visual Aids	PAPI, REIL	PAPI, REIL
Effective Gradient	0.0%	0.0%
End Elevations	227.256	227.451
Runway End Coordinates (NAD83 / NAVD88)		
Latitude	44° 58' 00.11"N	44° 58' 38.5534"
Longitude	73° 09' 44.60"55"	73° 09' 04.7891"
Safety Area (RSA)	150' x 300'	150' x 300'
Object Free Area (OFA)	500' x 300'	500' x 300'
Obstacle Free Zone (OFZ)	250' x 200'	250' x 200'
Design Aircraft	King air	King air
Reference code	B-II	B-II
Approach Surfaces	NP 34:1	NP 34:1

BUILDINGS

BUILDINGS	EXISTING
SHANGAR (10-UNIT)	1
CONVENTIONAL HANGAR	2
HANGARS (3-UNIT)	3
HANGARS (4-UNIT)	4
CONVENTIONAL HANGAR	5
SHANGAR (5-UNIT)	6
CONVENTIONAL HANGAR	7
PRESTIGE PAINT	8
STORAGE BUILDING	9
FBO-BORDER AIR HANGAR	10
HANGAR (5-UNIT)	11
CONVENTIONAL HANGARS (PVT)	12-14
ULTRALIGHT HANGARS (PVT)	15
ULTRALIGHT HANGARS (PVT-OFF AIRPORT)	16
U.S. BORDER PATROL	17
PRIVATE BUSINESS (LEASE)	18
PRIVATE AND/OR PUBLIC	AS SHOWN

AIP 3-50-0007-009-2017

REVISIONS

NO.	DATE	BY	DESCRIPTION
4	12/2024	CHA	Updates per opening of 4001' RW 15-46
		STA	Add existing and proposed easement lines
		CHA	Add fuel farm, charging station, fence, parachute landing, remove light cone
		CHA	Update RW info, add Traffic flow hangar and Jetstream Aviation's extension, Obstruction Removal
3	10/7/2022	CHA	Add electrical vault building
2	06/2019	PASS	Add existing fence, bend Ahern Drive to Garage, Added hangars, Fuel farm, relocated perimeter road, Moved updated AWOS, updated property line
1			

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT SUPERVISION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR, TO ALTER IN ANY WAY, AN ITEM BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR. IF AN ITEM BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

NOTE:

1. THE 600' RWY/TWY EXTENSION WAS JUSTIFIED BY FAA UNDER RUNWAY LENGTH ANALYSIS (2017) PREPARED BY PASSERO ASSOCIATES.
2. IF RUNWAY EXTENDED 1,000' TAXIWAY CONNECTOR AT 600' EXTENSION WILL NOT BE CONSTRUCTED

SOURCES:

PREPARED FROM STANTEC ALP DATED SEPTEMBER 2006.

RUNWAY/TAXIWAY EXTENSION FROM PA RUNWAY LENGTH ANALYSIS, 2017.

APRON/TAXIWAY PERIMETER ROAD FROM PA. UPDATE TO STANTEC ALP.

OBSTRUCTION REMOVAL FROM PA OBSTRUCTIONS STUDY, 2017.

FRANKLIN COUNTY STATE AIRPORT - AIRPORT LAYOUT PLAN

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

APPROVED _____ DATE _____

STATE OF VERMONT

APPROVED DocuSigned by: Evan Robinson 2/14/2025 DATE

VERMONT AGENCY OF TRANSPORTATION

PASSERO ASSOCIATES
242 WEST MAIN STREET, SUITE 100
ROCHESTER, NY 14614
(585)325-1000 FAX: (585)-325-1691

PROJECT NAME: HIGHGATE
PROJECT NUMBER: AV-FY 17-013

FILE NAME: PROPOSED ALP
PROJECT LEADER: LISA CHEUNG
DESIGNED BY: LISA CHEUNG
SHEET TITLE: ALP (ULTIMATE)

PLOT DATE: AUGUST 2018
DRAWN BY: WAYNE ZIAN
CHECKED BY: L.M.C.
SHEET OF 1