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)	X X	X X
ROAD		
WETLANDS		
GROUND ELEVATION CONTOURS	950	950
EASEMENT		
PRECISION APPROACH PATH INDICATOR (PAPI)		
AIRPORT BEACON		
AUTOMATED WEATHER OBSERVING SYSTEM		
WINDSOCK		
ARCHEOLOGICAL		

AIRPORT DATA

ITEM	EXISTING	FUTURE
ARC	B-II	B-II
Mean Maximum Temperature of Hottest Month	70 F	70 F
Airport Elevation	228'	228'
Airport NAVAIDS (F=FAA, S=Sponsor)	REIL, PAPI, BEACON, SEG CIRCLE	REIL, PAPI, BEACON, SEG CIRCLE
Airport Reference Point (NAD 83)	44 56' 25.00"N 73 05' 50.90" W	44 56' 20.13"N 73 05' 49.63" W
TAXIWAY LIGHTING	LOW INTENSITY	MEDUIM INTENSITY
TAXIWAY MARKINGS	CENTERLINE, HOLDLINES	CENTERLINE, HOLDLINES
Critical Design Aircraft	KING AIR	KING AIR
Airport Magnetic Variation/Date/Source	14 30' W (2017)/NGDC	14 30' W (2017)/NGDC
NPIAS LEVEL	LOCAL/BASIC	LOCAL/BASIC
STATE LEVEL	GENERAL AVIATION	GENERAL AVIATION
ACREAGE OWNED IN EASEMENT	40.3	40.3

TRUE NORTH
14°30'W
MAGNETIC NORTH (2017)

POTENTIAL LAND RELEASE AREA 16.5 AC ±
PROPOSED PERIMETER ROAD
PROPOSED HANGARS (TYP.)
PROPOSED APRON
PROPOSED ACCESS ROAD
PROPOSED PERIMETER ROAD
POTENTIAL LAND ACQUISITION AREA (16.5 AC)
LEASED PROPERTY NON-AERONAUTICAL USE
EXISTING FIELD DAYS FACILITY
ABANDON ROAD
RESERVED FOR FUTURE AVIATION DEVELOPMENT
FUTURE HANGAR/APRON DEVELOPMENT
PROPOSED PERIMETER FENCE
VTrans District Garage
FUTURE HANGAR/APRON DEVELOPMENT
PROPOSED TAXIWAY
FUTURE TAXILANE
ENHANCED TAXIWAY MARKING
PROPOSED GATE
PROPOSED PART 77 34:1
PROPOSED PART 77 34:1
EXISTING RUNWAY END 19 LAT.=44°56'39.57" LONG.=73°05'54.67" ELEV.=227.7' TDZE HIGH POINT
AIRPORT ROAD
PROPOSED RPZ
REMOVE DISCONTINUED TOWN HIGHWAY
EXISTING APRON
EXISTING RPZ
TAXIWAY A
REMOVE EXISTING TAXIWAY (TYP.)
MEADOW
PROPOSED TAXIWAY
PROPOSED ARP
TAXIWAY C
PROPOSED RUNWAY END 1 ELEV.=227.0'
ELEV. 243' (WITH 17' OBJECT)
EXISTING PAPI
EXISTING RUNWAY 1-19 (3001' X 60') 349.47° (TRUE)
PROPOSED (3001' X 75' WIDE) RUNWAY 1-19 RECONSTRUCTION
EXISTING REILS
EXISTING ARP
EXISTING SEGMENTED CIRCLE
RELOCATED SEGMENTED CIRCLE
PROPOSED REILS
RELOCATED PERIMETER FENCE
PROPOSED PAPI
EXISTING RUNWAY END 1 LAT.=44°56'10.44" LONG.=73°05'47.04" ELEV.=227.6' (LOW POINT)
AWOS
PROPOSED GATE
PROPOSED TURF RUNWAY 2088' X 40' (APPROX.)
REMOVE ROAD
PROPOSED 400' RWY/TWY EXTENSION BY OTHERS
PROPOSED PAPI
PROPOSED GATE
PROPOSED 600' RWY/TWY EXTENSION BY FAA
OBSTRUCTION REMOVAL
OBSTRUCTION REMOVAL
EXISTING RPZ
VT. ROUTE 78
EAPL
OFA
OFZ
RSA
BRL

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

300 0 150 300 600
SCALE: 1" = 300'

RUNWAY DATA

ITEM	RWY 1 EXISTING	RWY 1 FUTURE	RWY 19 EXISTING	RWY 19 FUTURE
Runway length - width	3001' x 60'	4001' x 75'	3001' x 60'	4001' x 75'
Strength (pounds)	SW 12,500	SW 12,500	SW 12,500	SW 12,500
Composition	ASPHALT	ASPHALT	ASPHALT	ASPHALT
Markings	NON-PRECISION	NON-PRECISION	NON-PRECISION	NON-PRECISION
Instrument Procedures	RNAV/GPS	RNAV/GPS	RNAV/GPS/VOR/DME	RNAV/GPS/VOR/DME
Instrument Minimums	1 Mile	1 Mile	1 Mile	1 Mile
Lighting Runway	Medium Intensity	Medium Intensity	Medium Intensity	Medium Intensity
NAVAIDS	NONE	NONE	NONE	NONE
Visual Aids	PAPI, REIL	PAPI, REIL	REIL	PAPI, REIL
Effective Gradient	0.00%	0.00%	0.00%	0.00%
End Elevations	227.6	227.0	227.7	227.7
Runway End Coordinates (NAD83 / NAVD88)				
Latitude	44 56' 10.44"	44 56' 00.68"	44 56' 39.57"	44 56' 39.57"
Longitude	73 05' 47.04"	73 05' 44.58"	73 05' 54.67"	73 05' 54.67"
Safety Area (RSA)	150' x 300'	150' x 300'	150' x 300'	150' x 300'
Object Free Area (OFA)	500' x 300'	500' x 300'	500' x 300'	500' x 300'
Obstacle Free Zone (OFZ)	250' x 200'	250' x 200'	250' x 200'	250' x 200'
Design Aircraft	King air	King air	King air	King air
Reference code	B-II	B-II	B-II	B-II
Approach Surfaces	NP Utility 20:1	NP 34:1	NP Utility 20:1	NP 34:1

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

AIP 3-50-0007-009-2017

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.

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	05/19	LMC	Add existing fence, label VTrans District Garage, Added hangars, Fence gates Relocated Perimeter Road, Move segmented circle, Updated property line

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 THESE PLANS IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING 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.

FRANKLIN COUNTY STATE AIRPORT - AIRPORT LAYOUT PLAN

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
APPROVED _____ DATE 6/25/19

DIRECTOR, RAIL & AVIATION BUREAU
VERMONT AGENCY OF TRANSPORTATION
APPROVED _____ DATE 6/14/19

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 1 OF 1