

FEDERAL AVIATION ADMINISTRATION FLIGHT STANDARDS SERVICE RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
FSO	RNAV (GPS) RWY 36	4	HIGHGATE	VT		
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
228	228	RNAV (GPS) RWY 1	3C	07/14/2022	14W	2025
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
RNAV			ROUTINE			

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
BTV VOR/DME	IAF	IRAME	NOPT	TF	FB	1.00	029.15	22.01	3000
JUTEK	IAF	IRAME	NOPT	TF	FB	1.00	093.35	6.21	3000
IRAME	IF/IAF	UXSEZ		TF	FB	1.00	003.49	5.72	2300
UXSEZ	FAF	RW36	MAP	TF	FO	0.30	003.48	5.58	
RW36	MAP	1100 MSL		CA			003.48		1100
1100 MSL		JUTEK		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW36

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 3000 DIRECT JUTEK AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2.	HOLD S IRAME, LT, 003.50 INBOUND, 3000 IN LIEU OF PT (IAF), MAX 6000.				
3.	FAC: 003.48	FAF: UXSEZ	DIST FAF TO MAP: 5.58	DIST FAF TO THLD: 5.58	
4.	MIN ALT: IRAME 3000, UXSEZ 2300				
5.	DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	284 HAT: 0.62 GS ANT:
6.	MIN GP INCPT: 2300	GP ALT AT PFAF: UXSEZ 2300		OM:	MM: IM:
7.	GP ANGLE: 3.40	34:1: IS NOT CLEAR	20:1: IS CLEAR	TCH: 59.0	
8.	MSA FROM: RW36 5600				



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
CHART NOTE: RWY 36 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: CIRCLING TO RWY 18 NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PBG ALTIMETER SETTING AND INCREASE LPV DA TO 576 FEET; INCREASE LNAV/VNAV DA TO 1088 FEET; INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CAT B 1/4 SM, AND CIRCLING VISIBILITY CAT B 1/4 SM.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING PBG ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 093.35 INBOUND.
FAS OBST: 660 AAO 445148N/0730521W.
CHART VDP AT 1.53 NM TO RW36.
WAAS CHANNEL # 48900
REFERENCE PATH ID: W36A
LTP HAE: 40.1 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ CAT A, B 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	512	1	284	512	1	284		NA			NA				
LNAV/VNAV DA	1024	2 1/2	796	1024	2 1/2	796		NA			NA				
LNAV MDA	920	1	692	920	1	692		NA			NA				
CIRCLING	920	1	692	960	1	732		NA			NA				



CHANGES - REASONS

1. TERMINAL ROUTES: BTV VOR/DME TO IRAME: COURSE CHANGED FROM "031.15" TO "029.15" – KFSO MAGVAR CHANGED FROM 16W TO 14W.
2. TERMINAL ROUTES: JUTEK TO IRAME: COURSE CHANGED FROM "095.35" TO "093.35" – KFSO MAGVAR CHANGED FROM 16W TO 14W.
3. TERMINAL ROUTES: IRAME TO UXSEZ: COURSE CHANGED FROM "005.50" TO "003.49" – KFSO MAGVAR CHANGED FROM 16W TO 14W.
4. TERMINAL ROUTES: CHANGED FROM "UXSEZ TO RW01" TO "UXSEZ TO RW36", COURSE CHANGED FROM "005.49" TO "003.48" – KFSO MAGVAR CHANGED FROM 16W TO 14W.
5. TERMINAL ROUTES: CHANGED FROM "RW01 TO 1100 MSL" TO "RW36 TO 1100", COURSE CHANGED FROM "005.49" TO "003.48" – KFSO MAGVAR CHANGED FROM 16W TO 14W.
6. PROFILE LINE 3: FAC CHANGED FROM "005.49" TO "003.48" – KFSO MAGVAR CHANGED FROM 16W TO 14W.
7. PROFILE LINE 7: 20:1 CHANGED FROM "IS NOT CLEAR" TO "IS CLEAR" – NEW SURVEY DATA AVAILABLE.
8. PROFILE LINE 8: MSA CHANGED FROM "RW01 5600" TO "RW36 5600" – KFSO MAGVAR CHANGED FROM 16W TO 14W AND RUNWAY RENUMBERING.
9. NOTES: CHANGED "CHART NOTE: RWY 1 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" TO "CHART NOTE: RWY 36 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED – 20:1 CHANGED FROM "IS NOT CLEAR" TO "IS CLEAR".
10. ADDITIONAL FLIGHT DATA: CHANGED "FAS OBST: 659 AAO 445141N/0730452W" TO "FAS OBST: 660 AAO 445148N/0730521W" – NEW CONTROLLING OBSTACLE.
11. ADDITIONAL FLIGHT DATA: DELETED "959 AAO 445044N/0730147W" – NEW TARGETS EVALUATION.
12. ADDITIONAL FLIGHT DATA: ADDED "CHART VDP AT 1.53 NM TO RW36" – 20:1 OBSTACLES REMOVED.
13. ADDITIONAL FLIGHT DATA: CHANGED LTP HAE FROM "40.2 M" TO "40.1 M" – NEW AIRNAV DATA AVAILABLE.
14. FAS DATA UPDATED: RUNWAY CHANGED FROM "RW01" TO "RW36", REFERENCE PATH ID CHANGED FROM "W01A" TO "W36A", LTP/FTP LATITUDE/LONGITUDE CHANGED FROM "445610.4360N/0730547.0395W" TO "445610.4235N/0730547.1425W", LTP ELLIPSOIDAL HEIGHT CHANGED FROM "+00402" TO "+00401", FPAP LATITUDE/LONGITUDE CHANGED FROM "445610.4360N/0730547.0395W" TO "445738.0130N/0730610.0800W", CRC REMAINDER CHANGED FROM "DA346BF5" TO "C6351A79" - DUE TO RUNWAY CONSTRUCTION AND RUNWAY RENUMBERING FROM RWY 01/19 TO RWY 36/18.
15. REMOVED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON BTV VOR/DME AIRWAY RADIALS 311 CW 014 - NO AIRWAYS WITH THOSE RADIALS.
16. REMOVED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT JUTEK ON V487 SOUTHBOUND - NO AIRWAY CONNECTS TO FIX.
17. ADDED "CHART NOTE: CIRCLING TO RWY 18 NA AT NIGHT" - RWY 18 HAS 20:1 OBSTACLES.
18. PROCEDURE CANCELS FDC NOTAM #3/6678 - PROCEDURE NA.

COORDINATED WITH:

A4A

ALPA

☒

AOPA

☒

APA

HAI

NBAA

☒

OTHER: ZBW, BTV APP CON, AMGR

FLIGHT CHECKED BY

OFFICE

DATE

DEVELOPED BY

TROY PURNELL

Digitally signed by

TROY PURNELL

May 29, 2025

OFFICE

AJV-A433

DATE

04/30/2025

APPROVED BY

ROBERT G HAMILTON

OFFICE

AJV-A433

DATE

TITLE

MANAGER



AIRPORT ID
FSO

PROCEDURE NAME
RNAV (GPS) RWY 36

ORIGINAL/AMENDMENT
4

CITY
HIGHGATE

STATE
VT

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFSO
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	445610.4235N
LTP/FTP LONGITUDE	0730547.1425W
LTP/FTP ELLIPSOIDAL HEIGHT	+00401
FPAP LATITUDE	445738.0130N
FPAP LONGITUDE	0730610.0800W
THRESHOLD CROSSING HEIGHT (TCH)	00059.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.40
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1832
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	C6351A79
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00693
FPAP ORTHOMETRIC HEIGHT	+00693



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
FSO	RNAV (GPS) RWY 36	4	HIGHGATE	VT	228	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM BTW VOR/DME **TO** IRAME

RNP 1.00 **DISTANCE** 22.01 **PAT** **MAP** **HAT** **HMAS**

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
WINDMILL (50-020174)	443952.06N/0730415.48W	1873	500	125	5E	1000				AT127	3000
TERRAIN	443939.00N/0730409.00W	1430 (1400)								AS1500	2900

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

INITIAL

FROM JUTEK **TO** IRAME

RNP 1.00 **DISTANCE** 6.21 **PAT** **MAP** **HAT** **HMAS**

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	444648.00N/0730400.00W	1467	215	8	4B	1000				AT533	3000
TERRAIN	444254.00N/0730357.00W	1099 (1100)								AS1500	2600

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:



INTERMEDIATE

FROM

IRAME (IF/IAF)

TO

UXSEZ

RNP

1.00

DISTANCE

5.72

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	444657.00N/0730354.00W	1513	215	8	4B	500					2100
TERRAIN	444657.00N/0730357.00W	1312 (1300)								AS1000	2300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LPV

FROM

UXSEZ

TO

RW36

RNP

0.30

DISTANCE

5.58

PAT

MAP

DA

HAT

284

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (50-070388)	445553.89N/0730549.26W	313	20	3	1A		30.00:1			MA25 SA-1 XP175	512

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

XP - TO MAINTAIN CURRENT MINIMUMS.



FINAL: LNAV/VNAV

FROM

UXSEZ

TO

RW36

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30	5.58		DA	796	

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	445433.00N/0730445.00W	650	215	8	4B		20.63:1			AC8 XP18	1024

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

XP - TO MAINTAIN CURRENT MINIMUMS.

FINAL: LNAV

FROM

UXSEZ

TO

RW36

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30	5.58		RW36	692	

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	445148.00N/0730521.00W	660	215	8	4B	250					920

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



HOLD-IN-LIEU OF PT

FROM

IRAME

TO

P-5

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-5	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
WINDMILL (50-020174)	443952.06N/0730415.48W	1873	500	125	5E	1000				AT127	3000
TERRAIN	443939.00N/0730409.00W	1430 (1400)								AS1500	2900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSSED APPROACH: LPV

FROM

DA

TO

JUTEK

<u>RNP</u> 0.30	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 298			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE (50-070388)	445553.89N/0730549.26W	313	20	3	1A		ASC				3000
AAO	444433.00N/0731051.00W	702	215	8	4B	1000					1800
TERRAIN	444433.00N/0731051.00W	501 (500)								AS1500	2000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH: LNAV/VNAV

FROM

DA

TO

JUTEK

<u>RNP</u> 0.30	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 778				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				3000
AAO	444433.00N/0731051.00W	702	215	8	4B	1000					1800
TERRAIN	444433.00N/0731051.00W	501 (500)								AS1500	2000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM

RW36

TO

JUTEK

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 820				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				3000
AAO	444433.00N/0731051.00W	702	215	8	4B	1000					1800
TERRAIN	444433.00N/0731051.00W	501 (500)								AS1500	2000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☐ CAT C

☐ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TREE	445627.00N/0730406.00W	1.30	692	461	250	10	4B	300		SI	920
CATEGORY B											
AAO	445433.00N/0730445.00W	1.81	732	650	215	8	4B	300			960

CIRCLING REMARKS:

MSA

CENTER

RW36

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	AAO	443239.00N/0724851.00W	167	26.4	4594	215	8	4B	1000			5600

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZBW ARTCC, BTV APP CON

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
AWOS-3	FSO	24	FSO	0	Y	0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
ASOS	PBG	24	PBG	23.89	Y	80

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KFSO 228, KPBG 166
RA = 63.6.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>	
RW18 - MIRL (PCL), REIL (PCL)	NPI-G		
RW36 - REIL (PCL), MIRL (PCL), PAPI-2L (PCL)	NPI-G		

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
3.40	227.4	59.0			4.00	39.8

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
-15C	+54C	-15C	+14.55C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 806 HIGH TEMP 1126.

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RW18		
20:1			
236 VEGETATION (50-074858) 445643.4000N/0730552.8800W (0.7)			
FINAL TYPE	LPV,LNAV/VNAV, LNAV		
34:1			
293 TREE (50-070135) 445554.5700N/0730548.6200W (25.63)		244 TRAVERSE_WAY (50-032610) 445604.6900N/0730542.1700W (3.77)	

QUALITY

23

CHECKED



<u>AIRPORT ID</u> FSO	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 36	<u>AMDT NO.</u> 4	<u>CITY</u> HIGHGATE	<u>STATE</u> VT	<u>AIRPORT ELEVATION</u> 228	<u>FACILITY</u> RNAV
243 TRAVERSE_WAY (50-032753) 445604.5200N/0730543.5000W (2.79)			299 TREE (50-070771) 445544.9000N/0730544.3600W (1.66)			
316 TREE (50-032854) 445539.4900N/0730537.8500W (0.3)			283 TREE (50-070842) 445549.5000N/0730547.1400W (0.21)			
294 TREE (50-071017) 445545.9900N/0730544.9200W (0.07)						
<u>PENETRATIONS REMARKS:</u>						

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

<u>PENETRATIONS REMARKS:</u>

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ORDER 8260.3, CHAPTER 2, APPLIED TO 752 AAO 445039N/0730221W
100' VEGETATION USED PER FPT
TAA NOT DEVELOPED PER FPT.
SEE ATTACHED AIRSPACE LETTER.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #
ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.36
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	349.48
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	500
DISTANCE FROM	THLD	TO 1500FT POINT	4.75
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.39
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	349.48
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	500

THRESHOLD COORDINATES (IF STR-IN) 445610.42N/0730547.14W
ARP COORDINATES 445624.99N/0730550.96W
RUNWAY APCH END AND DIST FURTHEST FROM ARP RUNWAY 36 DISTANCE 0.25 NM
FAF COORDINATES 445041.42N/0730421.17W
FIX NAME COORDINATES IF/IAF IRAME 444503.88N/0730253.18W

REMARKS



<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
FSO	RNAV (GPS) RWY 36	4	HIGHGATE	VT	228	RNAV
PART E: PREPARED BY						
<u>NAME</u>			<u>OFFICE</u>	<u>DATE</u>		<u>TITLE</u>
TROY PURNELL			AJV-A433	04/30/2025		AERONAUTICAL INFORMATION SPECIALIST

