

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> FRG	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 1	<u>ORIGINAL/AMENDMENT</u> 3B	<u>CITY</u> FARMINGDALE	<u>STATE</u> NY
<u>AIRPORT ELEVATION</u> 82	<u>TDZE</u> 74	<u>SUPERSEDED</u> RNAV (GPS) RWY 1	<u>ORIGINAL/AMENDMENT</u> 3A	<u>DATED</u> 03/24/2022
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 14W
				<u>EPOCH YEAR</u> 2000
				<u>CANCEL/SUSPEND</u>

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>
WULUG	IAF	BLAND		TF	FB	1.00	283.52	6.51	2000
ZACHS	IAF	BLAND		TF	FB	1.00	097.76	6.58	2000
BLAND	IF	DEUCE		TF	FB	1.00	013.18	6.22	1600
DEUCE	FAF	XAREW/2.50 NM TO RW01		TF	FB	0.30	013.18	2.21	
XAREW/2.50 NM TO RW01		RW01	MAP	TF	FO	0.30	013.18	2.50	
RW01	MAP	800 MSL		CA			013.18		800
800 MSL		DPK VOR/DME		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW01

MISSED APPROACH INSTRUCTIONS:

(DO NOT EXCEED 190 KIAS UNTIL DPK VOR/DME) CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 3000 DIRECT DPK VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT BLAND					
3. FAC: 013.18	FAF: DEUCE		DIST FAF TO MAP: 4.71	DIST FAF TO THLD: 4.71	
4. MIN ALT: BLAND 2000, DEUCE 1600, XAREW/2.50 NM TO RW01 880					
5. DIST TO THLD FROM OM: MM: IM:			150 HAT:	261 HAT: 0.73	GS ANT:
6. MIN GP INCPT: 1600	GP ALT AT PFAF: DEUCE 1600			OM:	MM: IM:
7. GP ANGLE: 3.00	34:1: IS NOT CLEAR	20:1: IS CLEAR	TCH: 37.0		
8. MSA FROM: RW01 2900					

QUALITY
37
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: RWY 1 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART SPEED ICON IN PLANVIEW AT BLAND: MAX 225 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 200.00 INBOUND.
CHART FAS OBST: 199 CONTROL TOWER (36-001202) 404339N/0732504W.
CHART VDP AT 1.13 NM TO RW01.
WAAS CHANNEL # 82524
REFERENCE PATH ID: W01A
LTP HAE: -11.7 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 800-2 1/4, CAT D 1000-3, 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	335	7/8	261	335	7/8	261	335	7/8	261	335	7/8	261			
LNAV/VNAV DA	370	7/8	296	370	7/8	296	370	7/8	296	370	7/8	296			
LNAV MDA	460	1	386	460	1	386	460	1 1/8	386	460	1 1/8	386			
CIRCLING	640	1	558	720	1	638	860	2 1/4	778	1000	3	918			

CHANGES - REASONS

- AIRPORT ELEVATION CHANGED FROM 80 TO 82 AND TDZE FROM 72 TO 74 - NEW SURVEY DATA.
- NOTES: ADDED "CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})." - P-NOTAM UPDATE.
- ADDITIONAL FLIGHT DATA: AMENDED LTP HAE FROM "-11.8M" TO "-11.7M". - DUE TO UPDATED LTP/FTP LAT/LONG UPDATE.
- MINIMUMS: AMENDED LPV HAT FROM "263" TO "261." - DUE TO AIRPORT ELEVATION CHANGE FROM "80" TO "82."
- MINIMUMS: AMENDED LNAV/VNAV HAT FROM "298" TO "296." - DUE TO AIRPORT ELEVATION CHANGE FROM "80" TO "82."
- MINIMUMS: AMENDED LNAV HAT FROM "388" TO "386." - DUE TO AIRPORT ELEVATION CHANGE FROM "80" TO "82."
- MINIMUMS: AMENDED CIRCLING CAT A HAA FROM "560" TO "558", CAT B HAA FROM "640" TO "638", CAT C HAA FROM "780" TO "778", CAT D HAA FROM "920" TO "918". - DUE TO AIRPORT ELEVATION CHANGE FROM "80" TO "82."
- FAS DATA BLOCK INFORMATION: AMENDED CRC REMAINDER FROM "EBC70967" TO "40933653." - DUE TO LTP LAT/LONG UPDATED FROM "404322.3560N/0732451.4110W" TO "404322.3540N/0732451.4125W", LTP ELLIPSOIDAL HEIGHT UPDATED FROM "-00118" TO "-00117", FPAP LAT/LONG UPDATED FROM "404451.5035N/0732453.0925W" TO "404451.5015N/0732453.0955W", HORIZONTAL ALERT LIMIT (HAL) UPDATED FROM "50" TO "40", AND VERTICAL ALERT LIMIT (VAL) UPDATED FROM "40" TO "50".



COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER:

ZEW, NY TRACON, FRG ATCT, AMGR

FLIGHT CHECKED BY

MICHAEL G CAMPBELL

Digitally signed by

ROBERT G HAMILTON

Sep 12, 2025

OFFICE

AJF

DATE

09/06/2025

DEVELOPED BY

CORY SLANE

Digitally signed by

ROBERT G HAMILTON

Sep 12, 2025

OFFICE

AJV-A433

DATE

07/01/2025

APPROVED BY

ROBERT G HAMILTON

Digitally signed by

ROBERT G HAMILTON

Sep 12, 2025

OFFICE

AJV-A433

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA

0
0
KFRG
RW01
0
0
W01A
404322.3540N
0732451.4125W
-00117
404451.5015N
0732453.0955W
00037.0
F
03.00
106.75
1072
40.0
50.0

CRC REMAINDER

40933653

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K6
+00194
+00194



**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>
FRG	RNAV (GPS) RWY 1	3B	FARMINGDALE	NY	82	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM

WULUG

TO

BLAND

RNP

1.00

DISTANCE

6.51

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>
SHIP	403226.33N/0732439.10W	250	50	20	2C	1000				AT750	2000
TERRAIN	403228.22N/0732023.13W	0 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

ZACHS

TO

BLAND

RNP

1.00

DISTANCE

6.58

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>
TRAVERSE_WAY (36-106202)	403132.59N/0733246.96W	254	50	20	2C	1000				AT746	2000
TERRAIN	403205.09N/0732856.53W	0 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

QUALITY
37
CHECKED

INTERMEDIATE

FROM

BLAND

TO

DEUCE

RNP

1.00

DISTANCE

6.22

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
SHIP	403226.33N/0732439.10W	250	50	20	2C	500				AT850	1600
TERRAIN	403721.00N/0732248.00W	32 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LPV

FROM

DEUCE

TO

RW01

RNP

0.30

DISTANCE

4.71

PAT

MAP

DA

HAT

261

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (36-000328)	404254.00N/0732455.00W	141	50	3	2A		34:1			MA11	335

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV/VNAV

FROM

DEUCE

TO

RW01

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	4.71		DA		296						
<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>
CONTROL_TOWER (36-001202)	404338.53N/0732504.25W	199	20	10	1B	161				AC10	370

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

DEUCE

TO

XAREW/2.50 NM TO RW01

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	2.21										
<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	404003.00N/0732518.00W	214	215	8	4B	250				RA40 DG376	880

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM

XAREW/2.50 NM TO RW01

TO

RW01

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	2.50		RW01		386						
<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>
CONTROL_TOWER (36-001202)	404338.53N/0732504.25W	199	20	10	1B	250					460

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH: LPV

FROM

DA

TO

DPK VOR/DME

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 138				
<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>
TOWER (36-000328)	404254.00N/0732455.00W	141	50	3	2A		ASC				3000
TOWER (36-000350)	404659.08N/0732201.78W	561	20	50	1D	1000					1600
TERRAIN	404903.00N/0732100.00W	351 (400)									400

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

DPK VOR/DME

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 209				
<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
TOWER (36-000350)	404659.08N/0732201.78W	561	20	50	1D	1000					1600
TERRAIN	404903.00N/0732100.00W	351 (400)									400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSSED APPROACH: LNAV

FROM

RW01

TO

DPK VOR/DME

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 360			
<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
TOWER (36-000350)	404659.08N/0732201.78W	561	20	50	1D	1000					1600
TERRAIN	404903.00N/0732100.00W	351 (400)									400

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											
VEGETATION (36-225532)	404413.64N/0732301.56W	1.30	558	242	20	10	1B	300		XP98	640
CATEGORY B											
TOWER (36-002147)	404247.00N/0732204.00W	1.81	638	360	500	50	5D	300		AC50	720
CATEGORY C											
TOWER (36-000239)	404632.29N/0732630.02W	2.84	778	551	20	3	1A	300			860
CATEGORY D											
TOWER (36-000758)	404719.35N/0732707.44W	3.71	918	561	250	125	4E	300		AC125	1000

CIRCLING REMARKS:

XP; TO KEEP CURRENT MINIMUMS

MSA

CENTER

RW01

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	BUILDING (36-020633)	404246.75N/0740047.27W	283	27.3	1806	20	3	1A	1000			2900

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

FRG TOWER, NY TRACON

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
ASOS	FRG	24	FRG		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	ISP	24	ISP	14.79	Y	37

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KFRG 82, KISP 99
RA = 36.3.

<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>
01H			
02H			
RW01 - REIL (PCL), MIRL (PCL), PAPI-4L (PCL)		NPI-G	
RW19 - REIL (PCL), MIRL (PCL), PAPI-4L (PCL)		NPI-G	
RW32 - REIL (PCL), HIRL (PCL), PAPI-4L (PCL)		NPI-G	
RW14 - MALSF (PCL), HIRL (PCL), PAPI-4L (PCL)		PIR-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>
3.00	63.7	37.0			3.09	43.6

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	X	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	X	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
-12C	+54C	-12C	+14.84C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2019-2023).
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 956 HIGH TEMP 1261.

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	LPV, LNAV/VNAV, LNAV
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<u>AIRPORT ID</u> FRG	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 1	<u>AMDT NO.</u> 3B	<u>CITY</u> FARMINGDALE	<u>STATE</u> NY	<u>AIRPORT ELEVATION</u> 82	<u>FACILITY</u> RNAV
34:1						
122 TREE (36-225183) 404304.8700N/0732454.9300W (12.26)			114 TREE (36-225227) 404307.3500N/0732454.5000W (11.63)			
114 TREE (36-222975) 404307.1300N/0732455.5800W (11.01)			112 TREE (36-021646) 404307.6300N/0732454.8200W (10.48)			
112 TREE (36-225491) 404307.4900N/0732453.5500W (10.02)			111 TREE (36-225366) 404307.6900N/0732455.5800W (9.68)			
112 TREE (36-223069) 404307.2900N/0732452.9100W (9.4)			110 TREE (36-225299) 404307.8900N/0732455.9400W (9.29)			
112 TREE (36-224774) 404307.1800N/0732454.9100W (9.14)			109 TREE (36-224854) 404308.0400N/0732455.6800W (8.72)			
112 TREE (36-222277) 404306.9900N/0732453.8200W (8.54)			113 TREE (36-223704) 404306.4100N/0732451.6500W (7.74)			
109 TREE (36-222834) 404307.6300N/0732454.1300W (7.45)			99 POLE (36-021644) 404310.8400N/0732453.8900W (7)			
111 TREE (36-223536) 404306.7200N/0732453.3100W (6.72)			113 TREE (36-021650) 404306.0100N/0732455.2900W (6.67)			
107 TREE (36-222257) 404307.9300N/0732455.3500W (6.39)			110 TREE (36-224610) 404306.9500N/0732452.5000W (6.38)			
108 TREE (36-021647) 404307.5300N/0732456.0000W (6.22)			106 POLE (36-225530) 404308.2100N/0732453.6600W (6.16)			
107 POLE (36-021592) 404307.6000N/0732451.3100W (5.27)			109 TREE (36-223519) 404306.8400N/0732454.2700W (5.11)			
106 TREE (36-222846) 404307.8300N/0732454.7500W (5.07)			106 TREE (36-223730) 404307.7900N/0732454.4400W (4.94)			
110 TREE (36-224474) 404306.2900N/0732453.7300W (4.45)			108 POLE (36-224187) 404306.9700N/0732448.7600W (4.31)			
109 TREE (36-224301) 404306.4800N/0732455.3700W (4.07)			98 POLE (36-224535) 404310.2000N/0732451.8300W (4.03)			
103 ELECTRICAL_SYSTEM (36-222077) 404308.4900N/0732454.7200W (4.03)			116 TREE (36-223310) 404304.1400N/0732452.2200W (4)			
106 TREE (36-224074) 404307.4300N/0732453.2900W (3.83)			99 POLE (36-021595) 404309.7900N/0732450.2500W (3.76)			
111 TREE (36-222251) 404305.7100N/0732452.4800W (3.68)			109 TREE (36-222764) 404306.3200N/0732455.7300W (3.61)			
107 TREE (36-222089) 404306.8000N/0732454.7300W (3)			108 TREE (36-225549) 404306.4200N/0732454.5400W (2.86)			
107 TREE (36-224692) 404306.7200N/0732451.6200W (2.66)			108 POLE (36-021591) 404306.4100N/0732446.4100W (2.57)			
111 TREE (36-225254) 404305.3000N/0732455.4200W (2.56)			103 ELECTRICAL_SYSTEM (36-222356) 404307.9800N/0732452.7700W (2.45)			
106 TREE (36-225515) 404306.7400N/0732452.7200W (1.76)			106 TREE (36-222579) 404306.6400N/0732456.2600W (1.58)			
107 TREE (36-224198) 404306.3400N/0732451.3300W (1.52)			106 TREE (36-223079) 404306.6400N/0732451.1900W (1.41)			
111 TREE (36-224611) 404304.7900N/0732456.6600W (1.08)			109 TREE (36-223967) 404305.4000N/0732452.9700W (0.78)			
103 TREE (36-225437) 404307.3800N/0732452.5900W (0.66)			107 TREE (36-222762) 404305.9900N/0732456.1300W (0.64)			
111 TREE (36-223332) 404304.5800N/0732454.2700W (0.38)						
<u>PENETRATIONS REMARKS:</u>						



HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

AFS APPROVAL LETTER COMPLETED FOR MISSED APPROACH AIRSPEED RESTRICTION NOT REQUIRED BY OBSTACLE.

BACKUP ALTIMETER SETTING NOTE TO BE ISSUED BY NOTAM WHEN NEEDED:
WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ISP ALTIMETER SETTING AND INCREASE LPV DA TO 372 FEET; INCREASE LNAV/VNAV DA TO 407 FEET AND ALL VISIBILITIES 1/8 SM;
INCREASE ALL MDAS 40 FEET AND LNAV VISIBILITY CAT C/D 1/8 SM, AND CIRCLING VISIBILITY CAT C 1/4 SM.
BARO-VNAV AND VDP NA WHEN USING ISP ALTIMETER SETTING.
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	3.04
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	359.18
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	100
DISTANCE FROM	THLD	TO 1500FT POINT	4.71
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.00
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	359.18
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	100

THRESHOLD COORDINATES (IF STR-IN) 404322.35N/0732451.41W

ARP COORDINATES 404345.39N/0732448.32W

RUNWAY APCH END AND DIST FURTHEST FROM ARP RUNWAY 32 DISTANCE 0.63 NM

FAF COORDINATES 403839.68N/0732446.09W

FIX NAME COORDINATES

REMARKS

PART E: PREPARED BY

NAME

CORY SLANE

OFFICE

AJV-A433

DATE

07/01/2025

TITLE

AERONAUTICAL INFORMATION SPECIALIST

