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.

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
BWI	RNAV (GPS) Y RWY 28	3	BALTIMORE	MD

AIRPORT ELEVATION	TDZE	SUPERSEDED	ORIGINAL/AMENDMENT	DATED	MAG VAR	EPOCH YEAR
143	143	RNAV (GPS) Y RWY 28	2D	09/08/2022	11W	2000

FACILITY	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE	CANCEL/SUSPEND
RNAV			ROUTINE	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
HURTZ	IAF	MCKAY		TF	FB	1.00	285.38	2.90	3000
FINNZ	IAF	MCKAY		TF	FB	1.00	195.60	7.05	3000
MCKAY	IF	SOULZ		TF	FB	1.00	285.34	2.30	2300
SOULZ		JURTI		TF	FB	1.00	285.31	3.28	1300
JURTI	FAF	ZIXUS/2.00 NM TO RW28		TF	FB	0.30	285.26	1.50	
ZIXUS/2.00 NM TO RW28		RW28	MAP	TF	FO	0.30	285.26	2.00	
RW28	MAP	343 MSL		CA			285.26		
343 MSL		COLUM		DF	FO	1.00			2500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW28

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2500 DIRECT COLUM AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. PROFILE STARTS AT MCKAY
3. **FAC:** 285.26 **FAF:** JURTI **DIST FAF TO MAP:** 3.50 **DIST FAF TO THLD:** 3.50
4. **MIN ALT:** MCKAY 3000, SOULZ 2300, JURTI 1300, ZIXUS/2.00 NM TO RW28 820
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **200 HAT:** 0.50 **GS ANT:**
6. **MIN GP INCPT:** 1300 **GP ALT AT PFAF:** JURTI 1300 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 55.0
8. **MSA FROM:** RW28 2600

QUALITY 26 CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -11°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4000 AND LNAV CATS C AND D VISIBILITY TO RVR 5500.
CHART NOTE: *RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.
CHART SPEED ICON IN PLANVIEW AT HURTZ: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT FINNZ: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT MCKAY: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD W, LT, 105.05 INBOUND.
CHART FAS OBST: 232 TOWER (24-046028) 391052N/0763906W.
CHART VDP AT 0.92 NM TO RW28.
WAAS CHANNEL # 48808
REFERENCE PATH ID: W28A
CHART CIRCLING ICON.
LTP HAE: 6.8 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4

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*	343	2400	200	343	2400	200	343	2400	200	343	2400	200			
LNAV/VNAV DA	395	2400	252	395	2400	252	395	2400	252	395	2400	252			
LNAV MDA	500	2400	357	500	2400	357	500	3000	357	500	3000	357			
CIRCLING	660	1	517	660	1	517	700	1 1/2	557	880	2 1/4	737			

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
BWI	RNAV (GPS) Y RWY 28	3	BALTIMORE	MD

CHANGES - REASONS

1. TERMINAL ROUTES: REMOVED IF SEGMENT HURTZ TO JURTI. – REDESIGN FOR NOISE ABATEMENT.
2. TERMINAL ROUTES: ADDED IAF SEGMENTS HURTZ TO MCKAY AND FINNZ TO MCKAY. – REDESIGN FOR NOISE ABATEMENT.
3. TERMINAL ROUTES: ADDED IF SEGMENT MCKAY TO SOULZ. – REDESIGN FOR NOISE ABATEMENT.
4. TERMINAL ROUTES: ADDED IF SEGMENT SOULZ TO JURTI. – REDESIGN FOR NOISE ABATEMENT.
5. PROFILE LINE 2: CHANGED FROM “PROFILE STARTS AT HURTZ” TO “PROFILE STARTS AT MCKAY”. – REDESIGN FOR NOISE ABATEMENT.
6. PROFILE LINE 3: CHANGED FAC: FROM “285.30” TO “285.26” AND DIST FAF TO MAP / DIST FAF TO THLD FROM “5.70” “TO 3.50” – JURTI MOVED 2.20 NM NW.
7. PROFILE LINE 4: CHANGED FROM “HURTZ 2000, JURTI 2000, ZIXUS/2.00 NM TO RW28 820*” TO “MCKAY 3000, SOULZ 2300, JURTI 1300, ZIXUS/2.00NM TO RW28 820. - REDESIGN FOR NOISE ABATEMENT.
8. PROFILE LINE 5: ADDED 200 HAT 0.50 – IAW 8260.19I
9. PROFILE LINE 6: CHANGED MIN GP INCPT AND GP ALT AT PFAF FROM “2000” TO “1300.” – REDESIGN FOR NOISE ABATEMENT.
10. NOTES: ADDED “CHART SPEED ICON IN PLANVIEW HURTZ: MAX 210 KIAS. – IAW 8260.19J
11. NOTES: ADDED “CHART SPEED ICON IN PLANVIEW MCKAY: MAX 210 KIAS. – IAW 8260.19J
12. NOTES: ADDED “CHART SPEED ICON IN PLANVIEW FINNZ: MAX 210 KIAS. – IAW 8260.19J
13. NOTES: CHANGED “CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4000.” TO “CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4000 AND LNAV CATS C AND D VISIBILITY TO RVR 5500.” – NEW INOP TABLE RESULTS.
14. ADDITIONAL FLIGHT DATA: CHANGED “CHART FAS OBST: 214 TREE 391056N/0763916W.” TO “CHART FAS OBST: 232 TOWER (24-046028) 391052N/0763906W.”
15. ADDITIONAL FLIGHT DATA: CHANGED LTP HAE FROM “6.9” TO “6.8”- REDESIGN FOR NOISE ABATEMENT. .
16. MINIMUMS: LNAV MDA/HAT CHANGED FROM “480/337” TO “500/357” AND CAT C AND D FROM “RVR 2600” TO “RVR 3000.”- NEW CONTROLLING OBSTACLE AND 8260.3E 3-3-1
17. MINIMUMS: CIRCLING CAT A CHANGED MDA/HAA FROM “640/497” TO 660/517”, CAT D FROM “860/717” TO “880/737”. – NEW EVALUATION
18. CRC REMAINDER CHANGED FROM “4A8B71CE” TO “8EA92184” – LTP/FTP LATITUDE AND LONGITUDE CHANGED FROM “391021.9880N/0763918.4805W” TO “391021.9835N/0763918.4890W”, “FPAP CHANGED FROM 0764122.6260W TO 0764122.6315W” AND LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM “+00069” TO “+00068”. - NEW EVALUATION.
19. TERMINAL ROUTES: SEGMENT FROM JURTI TO ZIXUS/2.00 NM TO RW 28 COURSE CHANGED FROM 285.30 TO 285.26 AND DISTANCE CHANGED FROM 3.70 TO 1.50 - JURTI MOVED 2.20 NM NW.
20. TERMINAL ROUTES: SEGMENT FROM ZIXUS/2.00 NM TO RW28 AND RW28 TO 343 MSL COURSE CHANGED FROM 285.30 TO 285.26 - JURTI MOVED 2.20 NM NW.
21. ADDITIONAL FLIGHT DATA: REMOVED CHART 740 STACK 391053N/0763217W - NEW EVALUATION.
22. NOTES: CHANGED "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12C OR ABOVE 54C" TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -11C OR ABOVE 54C - NEW 5 YEAR TEMPERATURE STUDY.

COORDINATED WITH:

A4A [X] **ALPA** [X] **AOPA** [X] **APA** [X] **HAI** [ ] **NBAA** [X] **OTHER:** ZDC, POTOMAC APP CON, BWI ATCT, AMGR

FLIGHT CHECKED BY		OFFICE	DATE
MICHAEL G CAMPBELL	***ERIC N SUSKI*** Jul 25, 2024	FPO	07/23/2024

DEVELOPED BY		OFFICE	DATE
ERIC N SUSKI (ZACHARY KRUEGER)	*Digitally signed by* ***ERIC N SUSKI*** Jun 13, 2024	AJV-A431	03/04/2024

APPROVED BY		OFFICE	DATE	TITLE
ERIC N SUSKI	*Digitally signed by* ***ERIC N SUSKI*** Jun 13, 2024	AJV-A431		MANAGER

QUALITY 26 CHECKED

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBWI
RUNWAY	RW28
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28A
LTP/FTP LATITUDE	391021.9835N
LTP/FTP LONGITUDE	0763918.4890W
LTP/FTP ELLIPSOIDAL HEIGHT	+00068
FPAP LATITUDE	391029.0895N
FPAP LONGITUDE	0764122.6315W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	8EA92184

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00396
FPAP ORTHOMETRIC HEIGHT	+00396

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

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
BWI	RNAV (GPS) Y RWY 28	3	BALTIMORE	MD	143	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM	TO
HURTZ	MCKAY

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	2.90				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	390842.00N/0762839.00W	309	215	8	4B	1000				AT1691	3000
TERRAIN	390818.00N/0762736.00W	32 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM	TO
FINNZ	MCKAY

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	7.05				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
STACK (24-000381)	391238.00N/0762921.00W	421	500	50	5D	1000				AT1579	3000
TERRAIN	391233.00N/0762821.00W	45 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE

FROM	TO
MCKAY	SOULZ

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	2.30				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
STACK (24-000381)	391238.00N/0762921.00W	421	500	50	5D	500				AT1379	2300
TERRAIN	390824.00N/0762939.00W	114 (100)								AS1500	1600

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE: STEPDOWN

FROM	TO
SOULZ	JURTI

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	3.28				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
STACK (24-000291)	391053.00N/0763217.00W	740	500	50	5D	500				AT60	1300
TERRAIN	390930.00N/0763415.00W	150 (200)								AS1000	1200

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
BWI	RNAV (GPS) Y RWY 28	3	BALTIMORE	MD	143	RNAV

FINAL: LPV

FROM	TO
JURTI	RW28

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	3.50		DA	200	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				343

COMPUTATIONS

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

SEGMENT REMARKS:

LPV SLOPE: 34:1.

FINAL: LNAV/VNAV

FROM	TO
JURTI	RW28

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	3.50		DA	252	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (24-046028)	391052.20N/0763906.30W	232	20	3	1A	161				XP2	395

COMPUTATIONS

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

SEGMENT REMARKS:

LNAV/VNAV SLOPE: 22.98:1 XP TO MAINTAIN PUBLISHED MINS

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
BWI	RNAV (GPS) Y RWY 28	3	BALTIMORE	MD	143	RNAV

FINAL: LNAV

FROM	TO
JURTI	ZIXUS/2.00 NM TO RW28

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	1.50				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	390900.00N/0763445.00W	279	215	8	4B	250				DG291	820

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM	TO
ZIXUS/2.00 NM TO RW28	RW28

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	2.00		RW28	357	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (24-046028)	391052.20N/0763906.30W	232	20	3	1A	250					500

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
BWI	RNAV (GPS) Y RWY 28	3	BALTIMORE	MD	143	RNAV

MISSED APPROACH: LPV

FROM	TO
DA	COLUM

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30-1.00					169

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2500
AAO	391015.00N/0765515.00W	719	215	8	4B	1000					1800
TERRAIN	391251.00N/0764830.00W	492 (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	TO
DA	COLUM

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30					232

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2500
AAO	391015.00N/0765515.00W	719	215	8	4B	1000					1800
TERRAIN	391251.00N/0764830.00W	492 (500)								AS1500	2000

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
BWI	RNAV (GPS) Y RWY 28	3	BALTIMORE	MD	143	RNAV

MISSED APPROACH: LNAV

FROM	TO
RW28	COLUM

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30					400

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2500
AAO	391015.00N/0765515.00W	719	215	8	4B	1000					1800
TERRAIN	391251.00N/0764830.00W	492 (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	391109.00N/0764215.00W	1.30	517	347	215	8	4B	300			660
CATEGORY B											
TREE	391109.00N/0764215.00W	1.81	517	347	215	8	4B	300			660
CATEGORY C											
BUILDING (24-040487)	390923.70N/0764339.30W	2.84	557	400	50	20	2C	300			700
CATEGORY D											
AAO	391418.00N/0764300.00W	3.71	737	565	215	8	4B	300			880

CIRCLING REMARKS:

MSA

CENTER	RADIUS
RW28	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (24-000503)	393659.00N/0765136.00W	351	28.2	1598	500	125	5E	1000			2600

MSA REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
BWI	RNAV (GPS) Y RWY 28	3	BALTIMORE	MD	143	RNAV

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

MAXIMUM VEGETATION HEIGHT 100 FEET PER FPT.

TAA NA, PER FPT/ATC REQUEST.

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZDC ARTCC, PCT TRACON, BWI TOWER

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
ASOS	BWI	24	BWI	0	Y	0

BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS

WX REMARKS:

REDUNDANT WEATHER SOURCES, BACKUP ALTIMETER NOT REQUIRED.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW10 - ALSF-2, HIRL, C/LINE, TDZ, PAPI-4R	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW15L - REIL, HIRL, PAPI-4L	PIR-G	APPROACH, ROLL OUT
RW15R - MALSR, HIRL, C/LINE, PAPI-4R	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW28 - MALSR, C/LINE, HIRL, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW33L - MALSR, HIRL, TDZ, C/LINE, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW33R - MALSR, HIRL, REIL, PAPI-4L	PIR-G	APPROACH, ROLL OUT

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	129.8	55.0			3.00	75.0

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD [X] FT FROM THRESHOLD DISPLACED THRESHOLD DISTANCE 700

ON CENTERLINE [X] FT FROM CENTERLINE

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
-11C	+54C	-11C	+14.72C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2018-2022).
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 957 HIGH TEMP 1262.

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

THRESHOLD DISPLACED 700 FEET.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

PROCEDURAL TCH 55.0 UTILIZED TO MATCH ILS RWY 28 PROCEDURE.

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**	2.87
WIDTH OF	FINAL	**SEGMENT AT 1000FT POINT**	1.55
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1000FT POINT**	274.26
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1000FT POINT**	100
DISTANCE FROM	THLD	**TO 1500FT POINT**	6.48
WIDTH OF	INTERMEDIATE	**SEGMENT AT 1500FT POINT**	4.00
TRUE COURSE OF	INTERMEDIATE	**SEGMENT CONTAINING 1500FT POINT**	274.31
HIGH TERRAIN IN	INTERMEDIATE	**SEGMENT CONTAINING 1500FT POINT**	200

THRESHOLD COORDINATES (IF STR-IN)	391021.98N/0763918.49W
ARP COORDINATES	391032.62N/0764008.37W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 10 DISTANCE 0.96 NM
FAF COORDINATES	391006.43N/0763449.05W
FIX NAME COORDINATES	

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.
THLD DISPLACED 700FT, ACTUAL COORDINATES: 391021.48N/0763909.62W

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
ERIC N SUSKI (ZACHARY KRUEGER)	AJV-A431	03/04/2024	AERONAUTICAL INFORMATION SPECIALIST