FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (RNP) 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
RIL	RNAV (RNP) Y RWY 26	2	RIFLE	CO

AIRPORT ELEVATION	TDZE	SUPERSEDED	ORIGINAL/AMENDMENT	DATED	MAG VAR	EPOCH YEAR
5537	5537	RNAV (RNP) Y RWY 26	1B	08/17/2017	10E	2010

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
DBL VOR/DME	IAF	HERGI		TF	FB	0.30	271.52	7.89	13400
HERGI		WIBEX		TF	FB	0.30	273.96	16.84	10200
TRUEL	IAF	HUTNI		TF	FB	0.30	174.52	4.61	12800
HUTNI		REVNE		RF	FB	0.30	(5.10 NM RADIUS CW (CFLCW))	3.93	11900
REVNE		WIBEX		RF	FB	0.30	(5.10 NM RADIUS CW (CFLCZ))	3.56	10200
SLOLM	IAF	YORRO		TF	FB	0.30	065.10	11.28	12100
YORRO		TUSPE		RF	FB	0.30	(6.21 NM RADIUS CCW (CFLDB))	7.04	11900
TUSPE		WIBEX		RF	FB	0.30	(5.40 NM RADIUS CCW (CFLDC))	9.58	10200
SXW VOR/DME	IAF	LACID		TF	FB	0.30	243.64	14.42	10500
LACID		WIBEX		TF	FB	0.30	243.45	6.00	10200
WIBEX	IF	NUPCI		TF	FB	0.30	258.66	3.04	9300
NUPCI		JEXON	PFAF	TF	FB	0.30	258.60	4.27	8100
JEXON	PFAF	RW26	MAP	TF	FO	0.30	258.55	6.74	
RW26	MAP	ZONUR		TF	FB	1.00	258.46	5.21	
ZONUR		YIRDU		TF	FB	1.00	234.67	9.77	
YIRDU		WOKPA		TF	FO	1.00	217.72	9.00	14000

MISSED APPROACH

MAP:
RNP: DA

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 14000 ON TRACK 258.46 TO ZONUR AND ON TRACK 234.67 TO YIRDU AND ON TRACK 217.72 TO WOKPA AND HOLD, CONTINUE CLIMB-IN-HOLD TO 14000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. PROFILE STARTS AT WIBEX
3. **FAC:** 258.55 **PFAF:** JEXON **DIST PFAF TO MAP:** **DIST PFAF TO THLD:**
4. **MIN ALT:** WIBEX 10200, NUPCI 9300, JEXON 8100
5. **DIST TO THLD FROM PFAF:** 6.74 **MM:** **IM:** **150 HAT:** **858 HAT:** 2.15 **GS ANT:**
6. **MIN GP INCPT:** 8100 **GP ALT AT PFAF:** JEXON 8100 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.50 **34:1:** IS NOT CLEAR **20:1:** IS CLEAR **TCH:** 58.0
8. **MSA FROM:** RW26 13100

PBN REQUIREMENTS NOTE:

RNP AR APCH - GPS. AUTHORIZATION REQUIRED. FROM TRUEL OR SLOLM: RF.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -21°C OR ABOVE 35°C.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.
CHART PLANVIEW NOTE AT DBL VOR/DME: (RNP 0.30).
CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TRUEL ON V8 NORTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON DBL VOR/DME AIRWAY RADIALS 212 CW 297.
CHART PLANVIEW NOTE AT SXW VOR/DME: (RNP 0.30).
CHART PLANVIEW NOTE AT TRUEL: (RNP 0.30).
CHART PLANVIEW NOTE AT SLOLM: (RNP 0.30).
CHART SPEED ICON IN PLANVIEW AT DBL: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT TRUEL: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT HUTNI: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT SLOLM: MAX 240 KIAS.
CHART SPEED ICON IN PLANVIEW AT YORRO: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT WIBEX: MAX 180 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 184.40 INBOUND.

MINIMUMS:

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

ALTERNATE: NA ☐ CAT A, B, C, D 900-2 1/2

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
AUTHORIZATION REQUIRED															
RNP 0.30 DA	6395	2 1/2	858	6395	2 1/2	858	6395	2 1/2	858	6395	2 1/2	858			

QUALITY 26 CHECKED

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
RIL	RNAV (RNP) Y RWY 26	2	RIFLE	CO

CHANGES - REASONS

1. TERMINAL ROUTES: DBL VOR/DME TO HERGI: ALTITUDE CHANGED FROM: “13300” TO: “13400” - MEA INCREASE.
2. IF WIBEX ALTITUDE CHANGED FROM: “10100” TO “10200” - MEA INCREASE.
3. TRUEL TO HUTNI DISTANCE AND ALTITUDE CHANGED FROM: “4.62” TO: “4.61” AND FROM: “12600” TO: “12800” – HUTNI MOVED IN ORDER TO ALIGN RF TANGENT; RAISED MEA TO MATCH OVERLYING V108 MEA.
4. HUTNI TO REVNE ALTITUDE CHANGED FROM: “11600” TO: “11900” - MEA INCREASE.
5. CNF FIX NAME CHANGED FROM: “IXZUF” TO: “CFLCZ” – TO ALIGN WITH CRITERIA REQUIREMENTS.
6. CNF FIX "CFLCW" ADDED TO LEG HUTNI - REVNE - IN ORDER TO ALIGN RF LEG.
7. CNF FIX NAME CHANGED FROM: "OYALI" TO: "CFLDB" - TO ALIGN WITH CRITERIA REQUIREMENTS.
8. CNF FIX NAME CHANGED FROM: "IZUXI" TO: "CFLDC" - TO ALIGN WITH CRITERIA REQUIREMENTS.
9. SLOLM TO YORRO ALTITUDE CHANGED FROM: “12000” TO: “12100” - MEA INCREASE.
10. YORRO TO TUSPE ALTITUDE CHANGED FROM: “11800” TO “11900”, DISTANCE FOR RF LEG CHANGED FROM: "6.20" TO: "6.21" - MEA INCREASE.
11. ALTITUDE AT NUPCI CHANGED FROM: “9500” TO “9300” – FOR BETTER GLIDEPATH ALIGNMENT.
12. SXW VOR/DME TO LACID ALTITUDE CHANGED FROM: ‘10400” TO: “10500” - MEA INCREASE.
13. DISTANCE FROM JEXON TO RW26 CHANGED FROM: “6.78” TO: “6.74” - PFAF MOVED TO ALIGN WITH NEW 3.50 GPA.
14. MISSED APPROACH INSTRUCTIONS ALTITUDE CHANGED FROM: "13000" TO: "14000". - NEW HOLDING ALTITUDE REQUESTED BY FPT.
15. PROFILE LINE 3: ADDED "PFAF: JEXON" - IAW 8260.19J 8-6-7.C(2).
16. PROFILE LINE 4: ADDED MIN ALT: WIBEX 10200, NUPCI 9300, JEXON 8100" - IAW 8260.19J 8-6-7.D.
17. PROFILE LINE 5: DIST TO THLD FROM OM: 6.78 CHANGED TO DISTANCE FROM PFAF: 6.74 – DUE TO ADJUSTING PFAF LOCATION FOR GLIDEPATH ALIGNMENT.
18. PROFILE LINE 5: ADDED 858 HAT: “2.15” AND REMOVED "DISTANCE TO THLD FROM 850 HATH: 2.14 NM" FROM ADDITIONAL FLIGHT DATA – DUE TO PFAF ADJUSTMENT, 8260.19J.8-6-7E.(3).
19. PROFILE LINE 7: GP ANGLE: CHANGED FROM “3.48” TO: “3.50”, "REMOVED # FROM TCH" – IN ORDER TO ALIGN WITH NEW VGSI ANGLE.
20. PROFILE LINE 7: ADDED: “20:1: IS CLEAR” - 8260.19J 8-6-7G.(3)(A).
21. PBN REQUIREMENTS NOTE: REMOVED “CHART NOTE: GPS REQUIRED” FROM NOTES. ADDED: “RNP AR APCH – GPS. AUTHORIZATION REQUIRED. FROM TRUEL OR SLOLM: RF.” - 8260.19J8-6-8D.
22. NOTES: CHANGED FROM: “CHART NOTE: FOR UNCOMPENSATED BARO·VNAV SYSTEMS, PROCEDURE NA BELOW -24C (·11 F) OR ABOVE 38C (100F).” TO: “CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -21°C OR ABOVE 35°C.” - 8260.19J8-6-10R.
23. ADDITIONAL FLIGHT DATA: REMOVED: “#TCH 5594.8 MSL (DO NOT CHART) – NO LONGER REQUIRED BY CRITERIA.
24. CHANGED PLANVIEW NOTE FROM: "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TRUEL ON V8 NORTHEAST BOUND, AND ARRIVALS AT DBL VOR/DME ON V361 NORTHEAST BOUND" TO: "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TRUEL ON V8 NORTHEAST BOUND." AND "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON DBL VOR/DME AIRWAY RADIALS 212 CW 297." - 8260.19J 8-2-5G(2).
25. TERMINAL ROUTES: NUPCI TO JEXON DISTANCE CHANGED FROM: "4.23" TO: "4.27" - DUE TO ADJUSTING PFAF FOR BETTER GLIDEPATH ALIGNMENT.
26. TERMINAL ROUTES: RW26 MAP CHANGED FROM: "FO" TO: "FB" - IFP REQUEST DUE TO TELESCOPING MISSED APPROACH.
27. NOTES: REMOVED: "CHART PLANVIEW NOTE ADJACENT TO TRUEL AND SLOLM IAF: RF REQUIRED." - MOVED TO PBN REQUIREMENTS NOTE.
28. ADDED SPEED RESTRICTION "CHART SPEED ICON IN PLANVIEW AT HUTNI: MAX 210 KIAS" - TO MEET LEG LENGTH REQUIREMENTS FOR ATC VECTORS.
29. ADDITIONAL FLIGHT DATA: REMOVED "ROUTE TYPE: A, R", "ROUTE TYPE QUALIFIER1: P" AND "ROUTE TYPE QUALIFIER2: S" - NO LONGER REQUIRED BY CRITERIA.
30. TERMINAL ROUTES: JEXON TO RW26 DISTANCE CHANGED FROM "6.78" TO "6.74" - DUE TO ADJUSTING PFAF FOR BETTER GLIDEPATH ALIGNMENT.
31. RNP 0.30 DA MINIMUMS: DA/HAT CHANGED FROM "6387/850" TO "6395/858" - NEW OBSTACLE EVALUATION, CAT D ADDED PER FPT.
32. ALTERNATE MINIMUMS: CHANGED FROM "CAT A, B, C 900-2 1/2" TO "CAT A, B, C, D 900-2 1/2" - CAT D ADDED PER FPT.
33. NOTES: ADDED "INOPERATIVE TABLE DOES NOT APPLY" - NEW EVALUATION.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZDV, DEN FSS, ARPT MGR.

FLIGHT CHECKED BY		OFFICE	DATE
BRIAN HARRELSON	*Digitally signed by* ***CASIMIR L TABAKA*** Mar 17, 2025	AJF	03/12/2025

DEVELOPED BY		OFFICE	DATE
JOHN BORDY (JACOB CLARK)	*Digitally signed by* ***ERIC N SUSKI*** Feb 10, 2025	AJV-A33	10/04/2024

APPROVED BY		OFFICE	DATE	TITLE
JOHN BORDY	*Digitally signed by* ***ERIC N SUSKI*** Feb 10, 2025	AJV-A33		MANAGER

QUALITY 26 CHECKED

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

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
RIL	RNAV (RNP) Y RWY 26	2	RIFLE	CO	5537	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM
DBL VOR/DME

TO
HERGI

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	7.89				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	392621.00N/1065339.00W	11962	215	8	4B	1000				AC8 PR380	13400
TERRAIN	392621.00N/1065342.00W	11758 (11800)								AS1500	13300

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL: STEPDOWN

FROM
HERGI

TO
WIBEX

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	16.84				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	393136.00N/1072157.00W	8678	215	8	4B	1000				AC8 PR380 AT134	10200
TERRAIN	393136.00N/1072157.00W	8477 (8500)								AS1500	10000

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
RIL	RNAV (RNP) Y RWY 26	2	RIFLE	CO	5537	RNAV

INITIAL

FROM	TO
TRUEL	HUTNI

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	4.61				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	394033.00N/1071845.00W	11293	215	8	4B	1000				PR380 AC8 AT119	12800
TERRAIN	394030.00N/1071827.00W	11085 (11100)								AS1500	12600

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL: STEPDOWN

FROM	TO
HUTNI	REVNE

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	3.93				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	393700.00N/1071830.00W	10420	215	8	4B	1000				AC8 PR380	11900
TERRAIN	393639.00N/1071845.00W	9891 (9900)								AS1500	11400

COMPUTATIONS

RF SEGMENT	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
HUTNI-REVNE	12884	210	263.03	7347.41	31.58	5.10	13.93					(CFLCW)/3.93 NM

SEGMENT REMARKS:

CNF CFLCW

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
RIL	RNAV (RNP) Y RWY 26	2	RIFLE	CO	5537	RNAV

INITIAL: STEPDOWN

FROM	TO
REVNE	WIBEX

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	3.56				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	393151.00N/1072200.00W	8626	215	8	4B	1000				AC8 PR380 AT186	10200
TERRAIN	393151.00N/1072200.00W	8425 (8400)								AS1500	9900

COMPUTATIONS

RF SEGMENT	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
REVNE-WIBEX	11900	210	258.87	6363.20	22.24	5.10	12.72					(CFLCZ)/3.56 NM

SEGMENT REMARKS:

CNF CFLCZ

INITIAL

FROM	TO
SLOLM	YORRO

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	11.28				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	391936.00N/1073036.00W	10716	215	8	4B	1000				PR330 AC8	12100
TERRAIN	391936.00N/1073036.00W	10515 (10500)								AS1500	12000

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
RIL	RNAV (RNP) Y RWY 26	2	RIFLE	CO	5537	RNAV

INITIAL: STEPDOWN

FROM	TO
YORRO	TUSPE

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	7.04				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	392130.00N/1072248.00W	10450	215	8	4B	1000				AC8 PR370	11900
TERRAIN	392130.00N/1072248.00W	10249 (10200)								AS1500	11700

COMPUTATIONS

RF SEGMENT	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
YORRO-TUSPE	14357	210	269.44	8820.69	43.01	6.21	12.90					(CFLDB)/7.04 NM

SEGMENT REMARKS:

CNF CFLDB

INITIAL: STEPDOWN

FROM	TO
TUSPE	WIBEX

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	9.58				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	393136.00N/1072157.00W	8678	215	8	4B	1000				AC8 PR380 AT134	10200
TERRAIN	393136.00N/1072157.00W	8477 (8500)								AS1500	10000

COMPUTATIONS

RF SEGMENT	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
TUSPE-WIBEX	12596	210	261.80	7059.55	32.70	5.40	13.17					(CFLDC)/9.58 NM

SEGMENT REMARKS:

CNF CFLDC

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
RIL	RNAV (RNP) Y RWY 26	2	RIFLE	CO	5537	RNAV

INITIAL

FROM	TO
SXW VOR/DME	LACID

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	14.42				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	393500.00N/1071424.00W	9072	215	8	4B	1000				AC8 PR380	10500
TERRAIN	393500.00N/1071412.00W	8818 (8800)								AS1500	10300

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL: STEPDOWN

FROM	TO
LACID	WIBEX

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	6.00				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	393212.00N/1072157.00W	8570	215	8	4B	1000				PR380 AC8 AT242	10200
TERRAIN	393212.00N/1072157.00W	8369 (8400)								AS1500	9900

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE

FROM	TO
WIBEX	NUPCI

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	3.04				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	393227.00N/1072630.00W	8468	215	8	4B	500				AC8 PR250	9300
TERRAIN	393227.00N/1072630.00W	8267 (8300)								AS1000	9300

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE: STEPDOWN

FROM	TO
NUPCI	JEXON

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	4.27				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	393121.00N/1072912.00W	7320	215	8	4B	500				PR180 AC8	8100
TERRAIN	393121.00N/1072912.00W	7119 (7100)								AS1000	8100

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
RIL	RNAV (RNP) Y RWY 26	2	RIFLE	CO	5537	RNAV

FINAL

FROM	TO
JEXON	RW26

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	6.74		DA	858	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
POLE (08-087801)	393116.23N/1074020.62W	5989	20	3	1A		18.20:1			AC3 DG403	6395

COMPUTATIONS

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

SEGMENT REMARKS:

MISSED APPROACH: LEVEL SURFACE

FROM	TO
DA	WOKPA

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30-1.00					6000

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				14000
AAO	392615.00N/1080624.00W	8567	215	8	4B	1000				PR380	10000
TERRAIN	392615.00N/1080621.00W	8362 (8400)								AS1500	9900

COMPUTATIONS

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

SEGMENT REMARKS:

MSA

CENTER	RADIUS
RW26	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	AAO	391133.00N/1072200.00W	131	25.8	12041	215	8	4B	1000			13100

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

VEGETATION 3 FEET PER FPT

VEB DATA:
OCS SLOPE: 18.20
DVEB ORIGIN: 3818.6751440568414
AIRPORT ISA: 4.0371
DELTA ISA LOW: -25.0371
ASE PFAF: 96.8763
ASE 250: 84.6673
VAE PFAF: 7.3416
VAE 250: 0.7161
ISAD PFAF: -251.7228
ISAD 250: -24.3330
ROC PFAF: 523.0468
ROC 250: 287.3251
BG: 25.0000
ANPE: 136.5744
WPR: 3.6698
FTE: 75.0000
ATIS: 20.0000

MISSED IAW WITH FAAO. 8260.58C, PARA 4-3-2.B CONSTRUCTION

RF TURN DATA:

SEGMENT	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	
HUTNI TO REVNE	12884	210	263.03	7347.41	31.58 (2018-2022)	5.10	13.93	(CFLCW)/3.93NM
REVNE TO WIBEX	11900	210	258.87	6363.20	22.24 (2018-2022)	5.10	12.72	(CFLCZ)/3.56NM
TUSPE TO WIBEX	12596	210	261.80	7059.55	32.70 (2018-2022)	5.40	13.17	(CFLDC)/9.58NM
YORRO TO TUSPE	14357	210	269.44	8820.69	43.01 (2018-2022)	6.21	12.90	(CFLDB)/7.04NM

RNP LEVEL REDUCED TO SUPPORT MINIMUM SEGMENT LENGTH AND DESCENT GRADIENTS

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
RIL	RNAV (RNP) Y RWY 26	2	RIFLE	CO	5537	RNAV

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZDV ARTCC, DEN FSS

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	RIL	24	RIL	0	Y	0

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

WX REMARKS:

BACK-UP ALTIMETER SETTING NOT REQUIRED DUE TO REDUNDANT SOURCES ON AIRFIELD.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW08 - HIRL (PCL), REIL (PCL), PAPI-4L	NPI-G	
RW26 - ODALS (PCL), HIRL (PCL), PAPI-4L	PIR-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.50	5536.8	58.0			3.50	55.8

FINAL APPROACH COURSE AIMING

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

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
-21C	+35C	-21C	+4.04C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2019-2023).
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 1206 HIGH TEMP 1363.

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	RNP AR 858.0 VISUAL AREA
34:1	
5973 TRANSMISSION_LINE (08-000693) 393123.0000N/1074025.0000W (95.02)	
PENETRATIONS REMARKS:	

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

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**	5.40
WIDTH OF	FINAL	**SEGMENT AT 1000FT POINT**	1.20
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1000FT POINT**	268.55
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1000FT POINT**	6600
DISTANCE FROM	THLD	**TO 1500FT POINT**	6.74
WIDTH OF	FINAL	**SEGMENT AT 1500FT POINT**	1.20
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1500FT POINT**	268.55
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1500FT POINT**	6600

THRESHOLD COORDINATES (IF STR-IN)	393136.72N/1074256.11W
ARP COORDINATES	393135.78N/1074340.75W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 8 DISTANCE 0.58 NM
FAF COORDINATES	393147.27N/1073413.73W
FIX NAME COORDINATES	

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
JOHN BORDY (JACOB CLARK)	AJV-A33	10/04/2024	AERONAUTICAL INFORMATION SPECIALIST

QUALITY 26 CHECKED