

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.

<u>AIRPORT ID</u> ROA	<u>PROCEDURE NAME</u> RNAV (RNP) Z RWY 24	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> ROANOKE	<u>STATE</u> VA
<u>AIRPORT ELEVATION</u> 1175	<u>TDZE</u> 1170	<u>SUPERSEDED</u> RNAV (RNP) Z RWY 24	<u>DATED</u> 01/25/2024	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
JAYYE	IAF	STEFN		TF	FB	1.00	185.74	9.42	5000
VULUC	IAF	CARUS		TF	FB	1.00	254.01	5.70	6200
CARUS		STEFN		TF	FB	1.00	226.21	7.39	5000
CORTR	IAF	STEFN		TF	FB	1.00	298.82	9.42	5000
STEFN	IF	DBERD	PFAF	TF	FB	0.30	262.23	5.25	3500
DBERD	PFAF	* WILHE		TF	FB	0.30	262.17	4.57	
WILHE		* JFSOC		RF	FB	0.30	(1.70 NM RADIUS CCW (CFDZN))	0.72	
JFSOC		RW24	MAP	TF	FO	0.30	237.75	1.90	
RW24	MAP	1491 MSL		CA			237.75		
1491 MSL		JAYYT		DF	FB	1.00			
JAYYT		TPUCK		TF	FB	1.00	148.64	6.19	
TPUCK		MONAT		TF	FO	1.00	107.05	16.33	4000

MISSED APPROACH

MAP:

RNP: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT JAYYT AND ON TRACK 148.64 TO TPUCK AND ON TRACK 107.05 TO MONAT AND HOLD.
**MISSED APPROACH REQUIRES MINIMUM CLIMB OF 230 FEET PER NM TO 3200.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	PROFILE STARTS AT STEFN														
3.	FAC:	*	PFAF:	DBERD	DIST FAF TO MAP:	7.19	DIST FAF TO THLD:								
4.	MIN ALT: STEFN 5000, DBERD 3500														
5.	DIST TO THLD FROM PFAF:	7.19	MM:		IM:		150 HAT:		321 HAT:	0.88	GS ANT:				
6.	MIN GP INCPT:	3500	GP ALT AT PFAF:	DBERD 3500, WILHE 2045, JFSOC 1815					OM:		MM:			IM:	
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	55.0							
8.	MSA FROM: RW24 5700														

PBN REQUIREMENTS NOTE:

RNP AR APCH - GPS, RF. AUTHORIZATION REQUIRED.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -14°C OR ABOVE 54°C.
CHART PLANVIEW NOTE AT STEFN: (RNP 0.3).

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 078.00 INBOUND.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD

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 0.15 DA**	1491	1	321	1491	1	321	1491	1	321	1491	1	321			
RNP 0.30 DA	1633	1 3/8	463	1633	1 3/8	463	1633	1 3/8	463	1633	1 3/8	463			

CHANGES - REASONS

- 1. INCORPORATED ALL CHANGES FROM P-NOTAM 3/3255 - 8260.19K 8-3-4.C(3).
- 2. CHANGED RNP 0.30 VISIBILITY ALL CATS FROM "1 1/8" TO "1 3/8" - 8260.3G TABLE 3-3-1.
- 3. CHANGED ALL INSTANCES OF FIX NAME "FUDDZ" TO "JFSOC" - USER REQUEST.
- 4. CHANGED PBN REQUIREMENTS NOTE FROM "RNP AR APCH - GPS" TO "RNP AR APCH - GPS, RF. AUTHORIZATION REQUIRED" - 8260.19K 8-6-8.D.
- 5. LINE 3: ADDED "DIST FAF TO MAP: 7.19" - 8260.19K 8-6-7. C.



COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

X

HAI

NBAA

X

OTHER: ZDC, ROA APP CON, ROA ATCT, ARPT MGR, VA DOT

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

DATE

Digitally signed by

CASEY D HILL

Apr 22, 2026

OFFICE

AJV-A431

DATE

04/10/2026

DEVELOPED BY

TIMOTHY JOHNSON

Digitally signed by

CASEY D HILL

Apr 21, 2026

APPROVED BY

CASEY HILL

Digitally signed by

CASEY D HILL

Apr 21, 2026

OFFICE

AJV-A431

DATE

TITLE
MANAGER



**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>
ROA	RNAV (RNP) Z RWY 24	ORIG-B	ROANOKE	VA	1175	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM
JAYYE

TO
STEFN

RNP
1.00

DISTANCE
9.42

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	372506.00N/0794615.00W	2828	164	98	4E	1000				AT944 PR130 AC98	5000
TERRAIN	372648.00N/0794327.00W	2618 (2600)								AS1500	4100

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM
VULUC

TO
CARUS

RNP
1.00

DISTANCE
5.70

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	373103.00N/0793039.00W	4400	164	98	4E	1000				AT382 PR320 AC98	6200
TERRAIN	373103.00N/0793039.00W	4200 (4200)								AS1500	5700

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY
39
CHECKED

INITIAL: STEPDOWN

FROM

CARUS

TO

STEFN

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	7.39				

<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	372736.00N/0793703.00W	3380	164	98	4E	1000				AT282 PR240 AC98	5000
TERRAIN	372736.00N/0793703.00W	3180 (3200)								AS1500	4700

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM

CORTR

TO

STEFN

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	9.42				

<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	372324.00N/0794003.00W	2697	164	98	4E	1000				AT1203 PR100	5000
TERRAIN	372324.00N/0794003.00W	2497 (2500)								AS1500	4000

COMPUTATIONS

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

SEGMENT REMARKS:



INTERMEDIATE

FROM

STEFN

TO

DBERD

RNP

0.30

DISTANCE

5.25

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	372533.00N/0794521.00W	2697	164	98	4E	500				AT115 AC98 PR90	3500
TERRAIN	372254.00N/0794645.00W	2227 (2200)								AS1000	3200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL

FROM

DBERD

TO

WILHE

RNP

0.15

DISTANCE

4.57

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2045

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL STEPDOWN

FROM

WILHE

TO

JFSOC

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>						
0.15	0.72										
<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				1815

COMPUTATIONS

RF SEGMENT

WILHE-JFSOC

ALT

2045

CIAS

165

KTAS

174.48

HAA

870.05

VKTW

19.66

TR

1.70

BA

17.89

DTA

0.00

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

(CFDZN)

SEGMENT REMARKS:

FINAL STEPDOWN

FROM

JFSOC

TO

RW24

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>						
0.15	1.90		DA	321							
<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	372026.41N/0795749.58W	1259	50	20	2C		21.4:1			MA88 AC20	1491

COMPUTATIONS

ALT

CIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL

FROM

DBERD

TO

WILHE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>						
0.30	4.57										
<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				2045

COMPUTATIONS

ALT

CIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

QUALITY
39
6248

FINAL STEPDOWN

FROM

WILHE

TO

JFSOC

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30	0.72				

<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				1815

COMPUTATIONS

<u>RF SEGMENT</u>	<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
WILHE-JFSOC	2045	165	174.48	870.05	19.66	1.70	17.89	0.00				(CFDZN)

SEGMENT REMARKS:

FINAL STEPDOWN

FROM

JFSOC

TO

RW24

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30	1.90		DA	463	

<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 (51-022207)	372046.56N/0795747.06W	1286	50	20	2C		21.69:1			AC20 MA48	1633

COMPUTATIONS

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

SEGMENT REMARKS:



MISSED APPROACH: LEVEL SURFACE

FROM
DA

TO
MONAT

<u>RNP</u> 0.15	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 1330			
<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	371454.28N/0800503.76W	2879	50	20	2C		ASC	230	3200	AC20	4000
AAO	371454.28N/0800503.76W	2879	50	20	2C	1000				AC20	3900
TERRAIN	371139.00N/0795118.00W	2224 (2200)								AS1500	3700

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
DA

TO
MONAT

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 1424			
<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				4000
AAO	371454.28N/0800503.76W	2879	50	20	2C	1000				AC20	3900
TERRAIN	371139.00N/0795118.00W	2224 (2200)								AS1500	3700

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



MSA

CENTER

RW24

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	AAO	372133.00N/0803121.00W	282	26.6	4620	250	125	4E	1000			5700

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

100 FT VEGETATION USED IN VICINITY OF AIRPORT.

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZDC ARTCC, ROA APP CON, ROA TOWER

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	ROA	24	ROA		Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS

WX REMARKS:

NO BACKUP ALTIMETER SOURCE DUE TO REDUNDANCY AT FACILITY.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
APPROACH AND RUNWAY LIGHTING SYSTEM		RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW16 - HIRL		NPI-G	
RW24 - REIL, HIRL, PAPI-4L		NPI-G	
RW06 - MALSR, HIRL, REIL, PAPI-4R		PIR-G	
RW34 - MALSR, HIRL, PAPI-4L		PIR-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	1155.0	55.0			3.00	58.0

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	X	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	790
ON CENTERLINE	X	FT FROM CENTERLINE		

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
-14C	+54C	-14C	+12.67C

CRITICAL TEMPERATURE REMARKS:



AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2014 - 2018).
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 971 HIGH TEMP 1281.

"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:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VDP NOT ESTABLISHED - RNP PROCEDURE.

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	5.94
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	229.73
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	2100
DISTANCE FROM	THLD	TO 1500FT POINT	10.24
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	1.20
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	254.23
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	2400

THRESHOLD COORDINATES (IF STR-IN)	371958.46N/0795805.64W
ARP COORDINATES	371931.70N/0795831.50W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 24 DISTANCE 0.69 NM
FAF COORDINATES	372247.48N/0794958.18W
FIX NAME COORDINATES	IF STEFN 372413.39N/0794337.60W

REMARKS

THLD DISPLACED 790FT, ACTUAL COORDINATES: 372003.51N/0795758.17W

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
TIMOTHY JOHNSON	AJV-A431	04/10/2026	AERONAUTICAL INFORMATION SPECIALIST

