

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29**

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>		
LZU	ILS OR LOC RWY 25	4A	LAWRENCEVILLE	GA		
<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SUPERSEDED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>
1062	1039	ILS OR LOC RWY 25	4	07/14/2022	5W	2010
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
I-TXP			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>
CCATT		GWNET LOM	FAF/IAF	TF	FB	1.00	141.23	20.84	4200
AHN VOR/DME		GWNET LOM	FAF/IAF				279.23	27.17	3300

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.07 NM AFTER GWNET LOM

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2400 THEN CLIMBING LEFT TURN TO 3100 DIRECT GWNET LOM AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	R	SIDE OF COURSE	068.69	OUTBOUND	3000	FT WITHIN	10	MILES OF	GWNET LOM (IAF)
2.									
3. FAC:	248.70	FAF:	GWNET LOM			DIST FAF TO MAP:	5.07	DIST FAF TO THLD:	5.07
4. MIN ALT:	GWNET LOM 2800								
5. DIST TO THLD FROM OM:	5.07	MM:		IM:		150 HAT:		GS ANT:	913
6. MIN GS INCPT:	2800	GS ALT AT PFAF:				OM:	2717	MM:	
7. GS ANGLE:	3.00	34:1:		20:1:		TCH:	48.0		
8. MSA FROM:	GWNET LOM 3700								



PBN REQUIREMENTS NOTE:

RNAV 1 - GPS. FROM CCATT.

EQUIPMENT REQUIREMENTS NOTES:

ADF REQUIRED.

NOTES:

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 25.
CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 1700.
CHART NOTE: RWY 25 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: CIRCLING RWY 7 NA AT NIGHT.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 25 CAT A/B VISIBILITY TO 1 SM AND CAT C/D VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

CHART: MAX 6000 AT GWNET LOM.
HOLD NE, LT, 246.00 INBOUND.
FAS OBST: 1244 AAO 340100N/0835330W.
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - CAT D 800-2 1/4, 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
S-ILS 25	1393	3/4	354	1393	3/4	354	1393	3/4	354	1393	3/4	354			
S-LOC 25	1500	3/4	461	1500	3/4	461	1500	1	461	1500	1	461			
CIRCLING	1640	1	578	1640	1	578	1780	2	718	1780	2 1/4	718			

CHANGES - REASONS

- INCORPORATED CHANGES FROM T-NOTAMS: FDC 4/3708 AND FDC 4/3173 - IAW 8260.19J 8-3-4 C(3).
- PROFILE LINE 5: CHANGED GS ANT DISTANCE FROM "911" TO "913" - UPDATED AIRNAV DATA.
- NOTES: ADDED "CHART NOTE: RWY 25 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - NEW SURVEY DATED 7/26/2023 IDENTIFIES MULTIPLE 34:1 PENETRATIONS.
- ADDITIONAL FLIGHT DATA: FAS OBST COORDINATES CHANGED FROM "340054N/0835324W" TO "340100N/0835330W" - NEW EVALUATION.
- ADDITIONAL FLIGHT DATA: DELETED 7:1 EXCLUDED AAO "1260 AAO 340123N/0835245W" - IAW 8260.19J ATTACHMENT 4 11(2).
- ALTERNATE MINIMUMS: LOC CHANGED FROM "STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE" TO "STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE" - IAW 8260.3F 3-4-1.
- MINIMUMS: RAISED S-ILS 25 DA/HAT ALL CATS FROM "1239/200" TO "1393/354" - NEW EVALUATION.
- PROFILE LINE 3: CHANGED FAC FROM "248.69" TO "248.70" - NEW EVALUATION.
- PBN REQUIREMENTS NOTE: CHANGED "FROM CCATT: RNAV 1-GPS REQUIRED" TO "RNAV 1 - GPS. FROM CCATT" - IAW 8260.19J 8-6-8D.
- NOTES: ADDED "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 25 CAT A/B VISIBILITY TO 1 SM AND CAT C/D VISIBILITY TO 1 3/8 SM" - NEW EVALUATION, REVISED MINIMUMS.
- NOTES: ADDED "CHART NOTE: CIRCLING RWY 7 NA AT NIGHT" - NEW SURVEY IDENTIFIED 20:1 CIRCLING PENETRATIONS TO RWY 7.
- MINIMUMS: RAISED CIRCLING CAT C CMDA/HAT/VIS FROM "1680/618/1 3/4" TO "1780/718/2" AND CIRCLING CAT D CMDA/HAT/VIS FROM "1700/638/2" TO "1780/718/2 1/4" - NEW OBSTACLE EVALUATION.



COORDINATED WITH:

A4A

☐

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER: ZTL, ATL APP CON, LZU ATCT, AMGR

FLIGHT CHECKED BY

MICHAEL C MCCURDY

Digitally signed by

CASIMIR L TABAKA

Apr 14, 2025

OFFICE

AJF

DATE

03/28/2025

DEVELOPED BY

CASIMIR L. TABAKA (HOPE N. DENTON)

Digitally signed by

CASIMIR L TABAKA

Apr 14, 2025

OFFICE

AJV-A432

DATE

01/04/2025

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

CASIMIR L TABAKA

Apr 14, 2025

OFFICE

AJV-A432

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>
LZU	ILS OR LOC RWY 25	4A	LAWRENCEVILLE	GA	1062	I-TXP

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM CCATT **TO** GWNET LOM

RNP 1.00 DISTANCE 20.84 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>
TOWER (13-003606)	341415.08N/0840927.01W	2142	20	3	1A	2000					4200
TERRAIN	341412.00N/0840936.00W	1844 (1800)								AS1500	3300

COMPUTATIONS

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

SEGMENT REMARKS:

FEEDER

FROM AHN VOR/DME **TO** GWNET LOM

RNP DISTANCE 27.17 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	340421.00N/0835051.00W	1250	164	98	4E	2000					3300
TERRAIN	335912.00N/0835200.00W	1079 (1100)								AS1500	2600

COMPUTATIONS

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

SEGMENT REMARKS:



INTERMEDIATE: PT

FROM

10 NM

TO

GWNET LOM

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
	10.00										
<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 (13-022392)	340211.50N/0834837.70W	1405	50	20	2C	500				AT895	2800
TERRAIN	340100.00N/0834754.00W	1059 (1100)								AS1500	2600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: ILS

FROM

GP INTCP

TO

RW25

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
	5.07		DA				354				
<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 (13-168020)	335917.49N/0835627.64W	1159	20	3	1A		34.00:1			MA73	1393

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LOC

FROM

GWNET LOM

TO

5.07 NM AFTER GWNET LOM

RNP

DISTANCE

PAT

MAP

HAT

HMAS

5.07

5.07 NM AFTER GWNET LOM

461

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	340100.00N/0835330.00W	1244	215	8	4B	250					1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

PROCEDURE TURN

FROM

GWNET LOM

TO

10 NM

RNP

DISTANCE

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (13-001170)	340732.00N/0835132.00W	2654	50	20	2C	1000				SA-908 AT254	3000
TERRAIN	340233.00N/0835245.00W	1194 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

2654 TOWER LOCATED 9937.24 FEET INTO SECONDARY AREA.



MISSED APPROACH: ILS

FROM

DA

TO

GWNET LOM

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 1157				
<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 (13-168020)	335917.49N/0835627.64W	1159	20	3	1A		ASC				3100
TOWER (13-002963)	335551.29N/0834659.34W	1895	50	20	2C	1000					2900
TERRAIN	340527.00N/0835624.00W	1230 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LOC

FROM

5.07 NM AFTER GWNET LOM

TO

GWNET LOM

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 1250				
<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				3100
TOWER (13-002963)	335551.29N/0834659.34W	1895	50	20	2C	1000					2900
TERRAIN	340527.00N/0835624.00W	1230 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID

LZU

PROCEDURE NAME

ILS OR LOC RWY 25

AMDT NO.

4A

CITY

LAWRENCEVILLE

STATE

GA

AIRPORT ELEVATION

1062

FACILITY

I-TXP

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											
TOWER (13-002643)	335750.38N/0835828.29W	1.30	578	1312	20	3	1A	300		XP20	1640
CATEGORY B											
TOWER (13-002643)	335750.38N/0835828.29W	1.84	578	1312	20	3	1A	300		XP20	1640
CATEGORY C											
TOWER (13-000458)	335639.21N/0835740.42W	2.90	718	1379	20	3	1A	300		XP101	1780
CATEGORY D											
AAO	340212.00N/0835742.00W	3.79	718	1405	215	8	4B	300		XP75	1780

CIRCLING REMARKS:
XP: TO MAINTAIN CURRENT MINIMUMS. XP: TO MAINTAIN CURRENT MINIMUMS. XP: FDC 4/3708, XP: FDC 4/3708

MSA

CENTER

GWNET LOM

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (13-001170)	340732.15N/0835131.68W	007	6.3	2655	50	20	2C	1000			3700

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ATL APP CON, ZTL ARTCC

<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-3PT	LZU	24	LZU	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>
AWOS-3	WDR	24	WDR	14.72	Y	51

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
LZU 1062, WDR 943
RA = 50.5.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
I-TXP	ATL APP CON	24	1

<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW07 - HIRL (PCL), PAPI-2L	PIR-G	
RW25 - MALSR (PCL), HIRL (PCL), PAPI-2L	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	1031.3	48.0	1028.6	913	3.00	48.2

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>
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 7
20:1	
1143 TREE (13-168564) 335821.7900N/0835835.6000W (5.33)	
1142 TREE (13-168496) 335822.4200N/0835836.0200W (4.16)	
1139 TREE (13-168447) 335823.8800N/0835836.8700W (1.22)	
FINAL TYPE	ILS, LOC
34:1	
1113 TREE (13-169070) 335909.9100N/0835645.7800W (7.51)	
1149 TREE (13-168555) 335918.4300N/0835633.9200W (5.95)	



<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>
LZU	ILS OR LOC RWY 25	4A	LAWRENCEVILLE	GA	1062	I-TXP
1154 TREE (13-168128) 335918.4000N/0835631.3900W (5.38)			1159 TREE (13-168020) 335917.4900N/0835627.6400W (3.25)			
1173 TREE (13-167855) 335922.1500N/0835623.6200W (2.18)			1157 TREE (13-169029) 335918.2300N/0835628.2400W (1.61)			
1106 TREE (13-168723) 335910.5100N/0835646.3500W (0.98)			1156 TREE (13-168236) 335916.5600N/0835627.0200W (0.1)			
<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:

VDP NOT ESTABLISHED - FINAL FACILITY DOES NOT HAVE DME.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

100 FT VEGETATION HEIGHT USED PER FPT.

FOR CONTINGENCY PURPOSES: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WDR ALTIMETER SETTING AND INCREASE S-ILS 25 DA TO 1444 FT; INCREASE ALL MDAS 60 FT AND CIRCLING VISIBILITY CAT C/D 1/4 SM.

FOR INOPERATIVE ALS WHEN USING WDR ALTIMETER SETTING; INCREASE S-ILS 25 ALL CATS VISIBILITY TO 1 1/8 SM AND INCREASE S-LOC 25 CAT A/B TO 1 SM.

ORDER 8260.3 CHAPTER 2 APPLIED TO 1257 AAO 340124.00N/0835233.00W.

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	3.21
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	0.91
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	243.70
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1100
DISTANCE FROM	THLD	TO 1500FT POINT	4.78
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.25
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	243.70
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1100

THRESHOLD COORDINATES (IF STR-IN)	335854.28N/0835712.57W
ARP COORDINATES	335841.13N/0835744.51W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 25 DISTANCE 0.49 NM
FAF COORDINATES	340109.14N/0835144.66W
FIX NAME COORDINATES	

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
CASIMIR L. TABAKA (HOPE N. DENTON)	AJV-A432	01/04/2025	AERONAUTICAL INFORMATION SPECIALIST