

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> 15J	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 5	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> ADEL	<u>STATE</u> GA		
<u>AIRPORT ELEVATION</u> 235	<u>TDZE</u> 235	<u>SUPERSEDED</u> RNAV (GPS) RWY 5	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 07/18/2019	<u>MAG VAR</u> 4W	<u>EPOCH YEAR</u> 2000
<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>
ARGYL	IF/IAF	UBEDY		TF	FB	1.00	051.28	6.04	2000
UBEDY	FAF	RW05	MAP	TF	FO	0.30	051.28	5.41	
RW05	MAP	534 MSL		CA			051.28		
534 MSL		WUMOM		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW05

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT WUMOM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



CHANGES - REASONS

1. 34:1 IS CLEAR CHANGED TO 34:1 IS NOT CLEAR - NEW EVALUATION.
2. FEEDER FROM WUBSU AND ASSOCIATED NOTE REMOVED - FPT REQUEST.
3. 20:1 IS NOT CLEAR ADDED - 20:1 PENETRATION FOUND.
4. ADDED NOTE PROCEDURE NA AT NIGHT - 20:1 PENETRATION FOUND.
5. MISSED APPROACH CHANGED FROM CLIMB TO 3000 DIRECT ZASIT AND ON TRACK 015.51 TO IBEBE AND HOLD TO CLIMB TO 3000 DIRECT WUMOM AND HOLD, CONTINUE CLIMB-IN-HOLD - FTP REQUEST.
6. FAS OBST CHANGED FROM 450 AAO 310433N/0833048W TO 440 AAO 310433N/0833048W - NEW EVALUATION.
7. LNAV/VNAV DA/HAT CHANGED FROM 720/485 TO 595/360, VISIBILITY CHANGED FROM 1 5/8 TO 1 - NEW EVALUATION.
8. LNAV MDA/HAT CHANGED FROM 840/607 TO 740/505, CATS C/D VISIBILITY CHANGED FROM 1 3/4 TO 1 3/8 - NEW EVALUATION.
9. LPV DA/HAT CHANGED FROM 536/301 TO 534/299 - NEW EVALUATION.
10. CRC CHANGED FROM CBA1B851 TO 3DF0F77F - LTP/FTP LAT/LONG CHANGED FROM 310750.5890N/0832739.1390W TO 310750.5780N/0832739.1250W, FPAP LAT/LONG CHANGED FROM 310851.0950N/0832622.7835W TO 310851.1080N/0832622.7955W, LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM +00435 TO +00436, TCH CHANGED FROM 00045.5 TO 00045.1, LENGTH OFFSET CHANGED FROM 1232 TO 1224.
11. ADDED "MAX 6000" IN LINE 2 AND CHANGED INBOUND COURSE FROM 051.25 TO 51.28 TO MATCH INTERMEDIATE COURSE - IAW 8260.19I 8-6-7.B.
12. LTP HAE CHANGED FROM 43.5 M TO 43.6 M IN ADDITIONAL FLIGHT DATA - AIRNAV DATA CHANGE
13. CHANGED PBN REQUIREMENTS NOTE FROM RNP APCH TO RNP APCH-GPS - 8260.19I 8-6-8.B.
14. COURSE FROM ARGYL TO UBEDY CHANGED FROM 051.25 TO 051.28 - NEW FAF LOCATION.
15. FAC COURSE CHANGED FROM 051.30 TO 051.28 - NEW FAF LOCATION.
16. TCH CHANGED FROM 45.5 TO 45.1 - TO MATCH VGSI.
17. HOLD N, RT, 195.73 INBOUND CHANGED TO HOLD NE, RT, 231.46 INBOUND IN ADDITIONAL FLIGHT DATA - NEW CLEARANCE LIMIT.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZJX, VLD APP CON, AMGR

Digitally signed by

FLIGHT CHECKED BY

KEVIN RIESE

DAVID TEFFETELLER **OFFICE**

Aug 28, 2023

FPO

DATE

08/24/2023

DEVELOPED BY

FRANK MOORE

Digitally signed by

FRANK MOORE

May 01, 2023

OFFICE

AJV-A433

DATE

02/24/2023

APPROVED BY

JOHNNIE BAKER

Digitally signed by

DAVID TEFFETELLER

Aug 28, 2023

OFFICE

AJV-A430

DATE

TITLE
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	15J
RUNWAY	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	310750.5780N
LTP/FTP LONGITUDE	0832739.1250W
LTP/FTP ELLIPSOIDAL HEIGHT	+00436
FPAP LATITUDE	310851.1080N
FPAP LONGITUDE	0832622.7955W
THRESHOLD CROSSING HEIGHT (TCH)	00045.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	3DF0F77F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00710
FPAP ORTHOMETRIC HEIGHT	+00710

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

<u>AIRPORT ID</u> 15J	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 5	<u>AMDT NO.</u> 2	<u>CITY</u> ADEL	<u>STATE</u> GA	<u>AIRPORT ELEVATION</u> 235	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

INTERMEDIATE

FROM
ARGYL (IF/IAF)
TO
UBEDY

<u>RNP</u>	<u>DISTANCE</u> 6.04	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<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 (13-003749)	310035.02N/0833446.91W		517	50	20	2C	500				AT983	2000
TERRAIN	310127.00N/0833233.00W		282 (300)								AS1500	1800

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LPV

FROM
UBEDY
TO
RW05

<u>RNP</u>	<u>DISTANCE</u> 5.41	<u>PAT</u>	<u>MAP</u> DA	<u>HAT</u> 299	<u>HMAS</u>							
<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 (13-123024)	310739.97N/0832758.61W		294	20	3	1A		34:1			RA49	534

COMPUTATIONS

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

SEGMENT REMARKS:



FINAL: LNAV/VNAV

FROM
UBEDY

TO
RW05

<u>RNP</u>	<u>DISTANCE</u> 5.41	<u>PAT</u>	<u>MAP</u> DA	<u>HAT</u> 360			<u>HMAS</u>					
<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 (13-123196)	310755.95N/0832716.94W		341	20	3	1A	161				RA49 MA44	595

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV

FROM
UBEDY

TO
RW05

<u>RNP</u>	<u>DISTANCE</u> 5.41	<u>PAT</u>	<u>MAP</u> RW05	<u>HAT</u> 505			<u>HMAS</u>					
<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	310433.00N/0833048.00W		440	50	20	2C	250				RA49	740

COMPUTATIONS

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

SEGMENT REMARKS:



HOLD-IN-LIEU OF PT

FROM
ARGYL

TO
P-4

RNP	DISTANCE	PAT P-4	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (13-004214)	305757.15N/0834444.21W		569	500	50	5D	1000				AT431	2000
TERRAIN	305818.00N/0834036.00W		314 (300)								AS1500	1800

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
WUMOM

RNP	DISTANCE	PAT	MAP	HAT			HMAS 297					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3000
TOWER (13-000976)	311018.69N/0832156.57W		1182	500	50	5D	1000					2200
TERRAIN	311309.00N/0832403.00W		282 (300)								AS1500	1800

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

WUMOM

RNP	DISTANCE	PAT	MAP	HAT			HMAS 385					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (13-000976)	311018.69N/0832156.57W		1182	500	50	5D		ASC				3000
TOWER (13-000976)	311018.69N/0832156.57W		1182	500	50	5D	1000					2200
TERRAIN	311309.00N/0832403.00W		282 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH : LNAV

FROM

RW05

TO

WUMOM

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
591												
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3000
TOWER (13-000976)	311018.69N/0832156.57W		1182	500	50	5D	1000					2200
TERRAIN	311309.00N/0832403.00W		282 (300)								AS1500	1800

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

RW05

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (13-001222)	312552.00N/0834510.00W	324	23.4	1418	500	50	5D	1000			2500

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

TAA NA, PER FPT/ATC REQUEST.

100' VEGETATION HEIGHT USED.



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
ZJX ARTCC, MCN FSS, VLD APP CON

<u>WX SERVICE</u> AWOS-3PT	<u>LOCATION</u> KMGR	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KMGR	<u>DISTANCE</u> 18.23	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 49
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> KVLD	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KVLD	<u>DISTANCE</u> 23.24	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 58

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
15J 235, KMGR 284, KVLD 203
RA = 48.9/57.8.

<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>
RW15		BSC-G	
RW33		BSC-G	
RW05 - MIRL (PCL), PAPI-2L (PCL)		NPI-G	
RW23 - MIRL (PCL), PAPI-2L (PCL)		NPI-G	

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 233	<u>TCH</u> 45.1	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 45.1
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	☒	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	500
ON CENTERLINE	☒	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	LPV, LNAV/VNAV, AND LNAV		
20:1			
248 TREE (13-122824) 310746.51N/0832742.20W (1.24)			
Final Type	LPV, LNAV/VNAV, AND LNAV		
34:1			
294 TREE (13-123024) 310739.97N/0832758.61W (8.89)		253 TREE (13-122728) 310744.64N/0832742.26W (8.03)	
245 TREE (13-122518) 310745.93N/0832741.15W (4.71)			

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - REMOTE ALTIMETER IN USE.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FOR CONTINGENCY PURPOSES: USE MOULTRIE MUNI ALTIMETER SETTING, WHEN NOT RECEIVED, USE VALDOSTA RGNL ALTIMETER SETTING AND INCREASE LPV DA TO 543 FEET; INCREASE LNAV/VNAV DA TO 604 FEET; INCREASE ALL MDAS 20 FEET AND LNAV VISIBILITY CAT C/D 1/8 SM.



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	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	047.28
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	300
DISTANCE FROM	THLD	TO 1500FT POINT	5.01
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.76
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	047.28
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	300

THRESHOLD
COORDINATES
(IF STR-IN)310750.58N/0832739.13W

ARP COORDINATES310812.33N/0832715.20W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 5 DISTANCE 0.58 NM

FAF
COORDINATES310410.07N/0833216.83W

FIX NAME
COORDINATES

REMARKS

THLD DISPLACED 500FT, ACTUAL COORDINATES: 310747.22N/0832743.36W.



PART E: PREPARED BY

<u>NAME</u> FRANK MOORE	<u>OFFICE</u> AJV-A433	<u>DATE</u> 02/24/2023	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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