

FEDERAL AVIATION ADMINISTRATION FLIGHT STANDARDS SERVICE LOC STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.25

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>	
MFV	LOC RWY 3	2	MELFA	VA	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
48	47	LOC RWY 3	08/11/2022	11W	2000
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>	
I-MFV	373920.91N/0754522.61W		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>
UCGEL/I-MFV 11.49 DME	IF/IAF	MELFA/I-MFV 5.44 DME					033.98 (I-MFV)	6.05	1500
MELFA/I-MFV 5.44 DME	FAF	4.44 NM AFTER MELFA/I-MFV 5.44 DME OR AT I-MFV 1.00 DME	MAP				033.98 (I-MFV)	4.44	
4.44 NM after MELFA/I-MFV 5.44 DME OR AT I-MFV 1.00 DME	MAP	448 MSL		CA			033.98		
448 MSL		UCGEL		DF	FO	1.00			2000

MISSED APPROACH

MAP:

4.44 NM AFTER MELFA/I-MFV 5.44 DME OR AT I-MFV 1.00 DME

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 2000 DIRECT UCGEL AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SW UCGEL, RT, 033.98 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 4500.
- FAC: 033.98 FAF: MELFA/I-MFV 5.44 DME DIST FAF TO MAP: DIST FAF TO THLD: 4.44
- MIN ALT: MELFA/I-MFV 5.44 DME 1500
- MSA FROM: ARP KMFV 1800



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 3 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

ADDITIONAL FLIGHT DATA:

FAS OBST: 246 AAO 373530N/0754748W.
CHART R-4006, R-6604A, R-6604E, R-6609.
CHART W-386.
CHART VDP AT 2.30 DME.
DISTANCE VDP TO THLD 1.29 NM.
MELFA TO RW03: 3.00/40.
CHART CIRCLING ICON.

MINIMUMS:**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ STANDARD - 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-03	500	1	453	500	1	453	500	1 3/8	453	500	1 3/8	453			
CIRCLING	500	1	452	560	1	512	700	1 3/4	652	700	2	652			

CHANGES - REASONS

1. REMOVED INITIAL CCV VORTAC – UCGEL/CCV 10.59 DME. – CCV VORTAC DECOMMISSIONING.
2. TERMINAL ROUTES: ADDED MISSED APPROACH CA AND DF LEG. - ADDED RNAV MISSED APPROACH.
3. UPDATED MISSED APPROACH INSTRUCTIONS FROM “CLIMBING RIGHT TURN TO 2000 ON HEADING 220 AND CCV VORTAC R-052 TO UCGEL/CCV 10.59 DME AND HOLD” TO “CLIMBING RIGHT TURN TO 2000 DIRECT UCGEL AND HOLD.” – NO POSITIVE COURSE GUIDANCE AVAILABLE, CCV VORTAC DECOMMISSIONING; RNAV MISSED REQUIRED.
4. REMOVED ALTERNATE MISSED APPROACH INSTRUCTIONS. – FPT REQUEST.
5. UPDATED MSA FROM CCV VORTAC 1800 TO ARP KMFV 1800. – CCV VORTAC DECOMMISSIONING; NEAREST OMNI-DIRECTIONAL NAVIAD GREATER THAN 25NM AWAY.
6. ADDED PBN REQUIREMENTS NOTE: RNAV APCH – GPS. – MISSED APPROACH TO WP UCGEL HAS NO PRECISION COURSE GUIDANCE.
7. REMOVED CHART NOTE: DME REQUIRED. - IAW 8260.19J 8-6-8.
8. REMOVED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CCV VORTAC AIRWAY RADIALS 016 CW 041. – INITIAL FROM CCV VORTAC REMOVED.
9. REMOVED ADDITIONAL FLIGHT DATA: CHART IN PLANVIEW: “ALTERNATE MA HOLDING, HOLD W JAMIE INT/HCM 36.91 DME, LT, 082.00 INBOUND;” “JAMIE INT/HCM 36.91 DME.” – ALTERNATE MISSED APPROACH REMOVED.
10. UPDATED ADDITIONAL FLIGHT DATA: FAS OBST: FROM “249 AAO 373525N/0754757W” TO “246 AAO 373530N/0754748W.” – NEW FINAL CONTROLLING OBSTACLE.
11. UPDATED ALTERNATE MINIMUMS FROM STANDARD - NA WHEN AIRPORT OPERATIONS CLOSED TO STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE. - IAW 8260.19J 8-6-12 B.



OTHER: ZDC, NHK APP CON, PCT APP CON, ORF APP CON, ARPT MGR, VA DOT

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Nov 01, 2024

OFFICE

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DATE

10/29/2024

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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>
MFV	LOC RWY 3	2	MELFA	VA	48	I-MFV

PART A: OBSTRUCTION DATA SEGMENTS

INTERMEDIATE

FROM UCGEL/I-MFV 11.49 DME (IF/IAF) **TO** MELFA/I-MFV 5.44 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
	6.05										
<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 (51-001042)	373327.01N/0754944.67W	434	50	20	2C	500				AT566	1500
TERRAIN	372909.00N/0755030.00W	52 (100)								AS1000	1100

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL

FROM MELFA/I-MFV 5.44 DME **TO** 4.44 NM AFTER MELFA/I-MFV 5.44 DME OR AT I-MFV 1.00 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>						
	4.44		4.44 NM AFTER MELFA/I-MFV 5.44 DME OR AT I-MFV 1.00 DME	453							
<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	373530.00N/0754748.00W	246	215	8	4B	250					500

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

UCGEL

TO

P-5

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-5	<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 (51-000793)	372132.50N/0755629.49W	453	100	20	3C	1000				AT547	2000
TERRAIN	372148.00N/0755518.00W	55 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSSED APPROACH

FROM

4.44 NM AFTER MELFA/I-MFV 5.44 DME OR AT I-MFV 1.00 DME

TO

UCGEL

<u>RNP</u> 1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 250			
<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				2000
TOWER (51-001042)	373327.01N/0754944.67W	434	50	20	2C	1000					1500
TERRAIN	373600.00N/0754654.00W	55 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID

MFV

PROCEDURE NAME

LOC RWY 3

AMDT NO.

2

CITY

MELFA

STATE

VA

AIRPORT ELEVATION

48

FACILITY

I-MFV

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 (51-093829)	373805.45N/0754456.65W	1.30	452	183	20	10	1B	300			500
CATEGORY B											
TOWER (51-000286)	373955.00N/0754400.00W	1.81	512	249	20	3	1A	300			560
CATEGORY C											
TOWER (51-001429)	374135.00N/0754525.00W	2.84	652	331	250	50	4D	300		AC50	700
CATEGORY D											
TOWER (51-000050)	374205.08N/0754500.57W	3.70	652	338	20	3	1A	300			700

CIRCLING REMARKS:

CIRCLING CAT D MDA INCREASED TO MATCH CIRCLING CAT C.

MSA

CENTER	RADIUS
ARP KMFV	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (51-069946)	375030.59N/0752854.06W	060	17.7	749	20	3	1A	1000			1800

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

CONTINGENCY NOTES:
WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WAL ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET, AND CIRCLING VISIBILITY CATS C AND D 1/4 SM.
VDP NA WHEN USING WAL ALTIMETER SETTING.

100 FT VEGETATION UTILIZED PER FPT.

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZDC ARTCC, LEESBURG FSS, MHT APP CON, PCT APP CON, ORF APP CON

<u>WX SERVICE</u> AWOS-3	<u>LOCATION</u> MFV	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> MFV	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> WAL	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> WAL	<u>DISTANCE</u> 22.48	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 53

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KMFV 48, KWAL 40
RA = 52.8.

<u>PRIMARY NAVAID</u> I-MFV	<u>MONITOR POINT</u> KMFV APT MGR	<u>HRS OPERATION</u> APT OPS OPEN APT OPS CLOSED	<u>CAT</u> 1 3
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<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW03 - MIRL (PCL), REIL (PCL), PAPI-2L	NPI-G	
RW21 - REIL (PCL), MIRL (PCL), PAPI-2L	NPI-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> 3.00	<u>TCH</u> 40.0
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<div>X</div>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<div>X</div>	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	S-03
34:1	
115 TREE (51-062644) 373801.83N/0754557.58W (2.81)	

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:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
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	3.11
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	0.89
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	22.98
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	100
DISTANCE FROM	THLD	TO 1500FT POINT	9.69
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	7.10
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	22.98
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	100

THRESHOLD COORDINATES (IF STR-IN)	373826.01N/0754551.90W
ARP COORDINATES	373848.76N/0754539.76W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 21 DISTANCE 0.41 NM
FAF COORDINATES	373420.55N/0754802.67W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
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