

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</u> MONTROSE RGNL	<u>AIRPORT ID</u> KMTJ	<u>PROCEDURE NAME</u> ILS OR LOC RWY 17	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> MONTROSE	<u>STATE</u> CO	
<u>AIRPORT ELEVATION</u> 5759	<u>TDZE</u> 5708	<u>SUPERSEDED</u> ILS OR LOC/DME RWY 17	<u>ORIGINAL/AMENDMENT</u> 2D	<u>DATED</u> 11/10/2016	<u>MAG VAR</u> 12E	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> I-MTJ	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 JANUARY 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 20-01.

<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>
DIRDY		GEJYU		TF	FB	1.00	211.27	11.66	10800
MEYRS		GEJYU		TF	FB	1.00	318.56	21.26	12200
MTJ VOR/DME		BRUUK INT/MTJ 14.77 DME					349.03	14.76	12500
GEJYU	IAF	BRUUK INT/MTJ 14.77 DME	NOPT	TF	FB	1.00	245.73	10.00	9000
HAQHY/JNC 35.95 DME	IAF	BRUUK INT/MTJ 14.77 DME	NOPT				098.32	10.00 (JNC R-098)	9000
PAGRE/MTJ 14.80 DME CW	IAF	BRUUK INT/MTJ 14.77 DME	NOPT				14.80 DME ARC (MTJ LR-341)		9000
BRUUK INT/MTJ 14.77 DME	IF/IAF	WIDRU/MTJ 8.79 DME					167.82	5.98 (I-MTJ)	8100

MISSED APPROACH

MAP:

ILS: DA
LOC: MTJ 1.44 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 6300 THEN CLIMBING RIGHT TURN TO 11000 ON HEADING 325 AND MTJ VOR/DME R-297 TO PAGRE/MTJ 14.80 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 11000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
41
CHECKED

PROFILE:

1. PT L SIDE OF COURSE 347.82 OUTBOUND 12500 FT WITHIN 10 MILES OF BRUUK INT/MTJ 14.76 DME (IAF)

2.

3. FAC: 167.82 FAF: WIDRU/MTJ 8.79 DME DIST FAF TO MAP: DIST FAF TO THLD: 7.38

4. MIN ALT: BRUUK INT/MTJ 14.77 DME 9000, WIDRU/MTJ 8.79 DME 8100, ZIMVI/MTJ 4.72 DME 6800*

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 965

6. MIN GS INCPT: 8100 GS ALT AT FAF : WIDRU/MTJ 8.79 DME 8100 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: 20:1: TCH: 56.0

8. MSA FROM: MTJ VOR/DME 360-090 13200, 090-180 14300, 180-360 11500

EQUIPMENT REQUIREMENTS NOTES:

FROM DIRDY, MEYRS, GEJYU: RNAV 1-GPS REQUIRED.
DME REQUIRED.

NOTES:

CHART NOTE: CIRCLING NA E OF RWY 17 AND NE OF RWY 31.
CHART NOTE: CIRCLING RWY 31 NA AT NIGHT.
CHART NOTE: WHEN CIRCLING TO RWY 13 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD.
*LOC ONLY
CHART NOTE: DME FROM MTJ VOR/DME. SIMULTANEOUS RECEPTION OF I-MTJ AND MTJ DME REQUIRED.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 17 CAT C/D VISIBILITY TO 7/8 SM.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DIRDY OR GEJYU ON V361 NORTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MEYRS ON V26-244 EASTBOUND.

ADDITIONAL FLIGHT DATA:

CHART MTJ R-349 AT BRUUK.
CHART JNC R-098/45.95 DME AT BRUUK.
FAS OBST: 6705 AAO 383918N/1075200W.
FAS OBST: 6160 AAO 383533N/1075240W.
CHART CIRCLING ICON.
CHART MTJ R-297 AT PAGRE.
CHART FAS OBST: 5755 TREE 383211N/1075326W.
HOLD NW, RT, 116.63 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☒

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 17	5908	1/2	200	5908	1/2	200	5908	1/2	200	5908	1/2	200			
S-LOC 17	6020	1/2	312	6020	1/2	312	6020	1/2	312	6020	1/2	312			
CIRCLING	6280	1	521	6320	1	561	6380	1 3/4	621	6800	3	1041			

QUALITY
35
CHECKED

CHANGES - REASONS

1. PROCEDURE NAME CHANGED FROM ILS OR LOC/DME RWY 17 TO ILS OR LOC RWY 17 - CURRENT NAMING CONVENTION.
2. ADDED TERMINAL ROUTES DIRDY TO GEJYU, MEYRS TO GEJYU AND GEJYU TO BRUUK - FPT REQUEST.
3. TERMINAL ROUTE MTJ VOR/DME TO BRUUK ALTITUDE CHANGED FROM 12400 TO 12500 - MINIMUM ALTITUDE FOR PROCEDURE TURN.
4. WIDRU MOVED FROM 8.65 DME TO 8.79 DME - CURRENT PFAF CALCULATION.
5. TERMINAL ROUTE BRUUK TO WIDRU DISTANCE CHANGED FROM 6.11 TO 5.98 - CURRENT PFAF CALCULATION.
6. MISSED APPROACH, "VIA HEADING" CHANGED TO "ON HEADING" - CURRENT DOCUMENTATION POLICY.
7. MISSED APPROACH CLIMB TO ALTITUDE CHANGED FROM 6200 TO 6300 - TO ALLOW FOR SECONDARY REMOTE ALTIMETER SETTING.
8. PROFILE SECTION, LINE 1, PT OUTBOUND ALTITUDE CHANGED FROM 12400 TO 12500 - PRECIPITOUS TERRAIN IN PROCEDURE TURN.
9. PROFILE SECTION, LINE 3, DIST FAF TO THLD CHANGED FROM 7.25 TO 7.38 - NEW PFAF LOCATION.
10. PROFILE SECTION, LINE 4, ZIMVI CHANGED FROM 5.41 DME TO 4.72 DME AND ALTITUDE FROM 7020 TO 6800 - CURRENT OBSTACLE STUDY ALLOWED STEPDOWN FIX TO BE MOVED CLOSER TO MAP FOR LOWER MDA.
11. PROFILE SECTION, LINE 7, REMOVED "34:1 IS CLEAR" - ONLY USED ON RNAV PROCEDURES.
12. MSA, ALL ALTITUDES LOWERED 100 FEET - CURRENT OBSTACLE EVALUATION.
13. EQUIPMENT REQUIREMENTS NOTES, ADDED DIRDY, MEYRS, GEJYU NOTE - ROUTES REQUIRE GPS.
14. MOVED DME REQUIRED NOTE TO EQUIPMENT REQUIREMENTS NOTES - CURRENT DOCUMENTATION POLICY.
15. UPDATED RWY 13 AND 31 NIGHT RESTRICTION NOTES - CURRENT DOCUMENTATION POLICY.
16. ADDED INOPERATIVE ALS NOTE - INCREASES ARE NON-STANDARD.
17. ADDED CIRCLING RESTRICTION - CURRENT CIRCLING AREAS CAUSED EXCESSIVELY HIGH MDAS WITHOUT THE RESTRICTION.
18. ADDED "PROCEDURE NA FOR ARRIVALS" NOTE AT DIRDY, GEJYU AND MEYRS - TURN EXCEEDS 90 DEGREES.
19. ADDED CIRCLING ICON - CURRENT CIRCLING AREAS EVALUATED.
20. ALTERNATE MINIMUMS CHANGED TO "NA" - MTJ ILS DOES NOT HAVE AN EXTERNAL MONITOR.
21. S-LOC 17 MDA/HAA CHANGED FROM 6060/352 TO 6020/312, CAT D VISIBILITY LOWERED FROM 3/4 TO 1/2 - UPDATED AIRPORT SURVEY AND REVISED VISIBILITY CALCULATIONS.
22. CIRCLING CAT A MDA/HAA INCREASED FROM 6260/501 TO 6280/521 - NEW EVALUATION WITH CURRENT CIRCLING AREAS.
23. CIRCLING CAT B MDA/HAA DECREASED FROM 6420/661 TO 6320/561 - NEW EVALUATION WITH CURRENT CIRCLING AREAS.
24. CIRCLING CAT C MDA/HAA DENCREASED FROM 6640/881 TO 6380/621 AND VISIBILITY FROM 2 3/4 TO 1 3/4 - NEW EVALUATION WITH CURRENT CIRCLING AREAS.
25. CIRCLING CAT D MDA/HAA INCREASED FROM 6700/941 TO 6800/1041 - NEW EVALUATION WITH CURRENT CIRCLING AREAS.

11/25/19: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 10/1/19.
1. ALL "PROCEDURE NA FOR ARRIVALS AT..." NOTES CHANGED FROM "CHART PROFILE NOTE" TO "CHART PLANVIEW NOTE" - TYPOGRAPHICAL ERROR.

COORDINATED WITH:

A4A☒ALPA☒AOPA☒APA☒HAI☐NBAA☒OTHER: ZDV, AIRPORT MANAGER

FLIGHT CHECKED BY

GARY WILSON BELL

Digitally signed by

DAVID DANNER

Nov 26, 2019

OFFICE

FIOG

DATE

09/26/2019

DEVELOPED BY

RUSS ROSLEWSKI

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Nov 25, 2019

OFFICE

AJV-A421

DATE

12/20/2018

APPROVED BY

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Nov 26, 2019

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AJV-A420

DATE

TITLE

MANAGER

