

**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> MTJ	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> MONTROSE	<u>STATE</u> CO
<u>AIRPORT ELEVATION</u> 5759	<u>TDZE</u> 5708	<u>SUPERSEDED</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 01/30/2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 12E
				<u>EPOCH YEAR</u> 1995
				<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>
NADIN		KAZJU		TF	FB	1.00	018.40	21.75	10600
PAGRE		KAZJU		TF	FB	1.00	012.34	9.89	9000
BATTZ		KAZJU		TF	FB	1.00	101.32	9.15	11500
MEYRS		GEJYU		TF	FB	1.00	318.56	21.26	12300
DIRDY		GEJYU		TF	FB	1.00	211.27	11.66	11000
KAZJU	IAF	BRUUK		TF	FB	1.00	102.16	8.48	9000
GEJYU	IAF	BRUUK		TF	FB	1.00	245.73	10.00	9000
BRUUK	IF	WIDRU		TF	FB	1.00	167.82	5.98	8100
WIDRU	FAF	ZIMVI/3.30 NM TO RW17		TF	FB	0.30	167.82	4.08	
ZIMVI/3.30 NM TO RW17		RW17	MAP	TF	FO	0.30	167.82	3.30	
RW17	MAP	6200 MSL		CA			167.82		6200
6200 MSL		PAGRE		DF	FO	1.00			11000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

MISSED APPROACH INSTRUCTIONS:

(DO NOT EXCEED 250K UNTIL PAGRE) CLIMB TO 6200 THEN CLIMBING RIGHT TURN TO 11000 DIRECT PAGRE AND HOLD, CONTINUE CLIMB IN HOLD TO 11000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
39
CHECKED

PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	PROFILE STARTS AT BRUUK														
3.	FAC:	167.82	FAF:	WIDRU	DIST FAF TO MAP:	7.38	DIST FAF TO THLD:	7.38							
4.	MIN ALT:	BRUUK 9000, WIDRU 8100, ZIMVI/3.30 NM TO RW17 6800													
5.	DIST TO THLD FROM OM:		MM:	IM:	150 HAT:		200 HAT:	0.50	GS ANT:						
6.	MIN GP INCPT:	8100	GP ALT AT PFAF:	WIDRU 8100			OM:		MM:				IM:		
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	56.0							
8.	MSA FROM:	RW17 13500													

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

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.
CHART NOTE: BARO-VNAV NA.
CHART SPEED ICON IN PLANVIEW AT KAZJU: MAX 250 KIAS.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BATTZ ON V484 WESTBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PAGRE ON V26 SOUTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT NADIN ON V244 WESTBOUND.
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:

HOLD W, RT, 106.48 INBOUND.
FAS OBST: 6005 TREE 383436N/1075236W.
CHART VDP AT 1.25 NM TO RW17.
WAAS CHANNEL # 40411
REFERENCE PATH ID: W17A
CHART CIRCLING ICON.
LTP HAE: 1718.9 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 1100-3, 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
LPV DA	5908	1/2	200	5908	1/2	200	5908	1/2	200	5908	1/2	200			
LNAV/VNAV DA	6136	3/4	428	6136	3/4	428	6136	3/4	428	6136	3/4	428			
LNAV MDA	6160	1/2	452	6160	1/2	452	6160	3/4	452	6160	3/4	452			
CIRCLING	6280	1	521	6320	1	561	6420	1 3/4	661	6800	3	1041			



CHANGES - REASONS

1. TERMINAL ROUTES: UPDATED FROM MEYRS TO GEJYU ALTITUDE FROM "12200" TO "12300." - DUE TO NEW CONTROLLING OBSTACLE.
2. TERMINAL ROUTES: UPDATE FROM DIRDY TO GEJYU ALTITUDE FROM "10800" TO "11000." - DUE TO NEW CONTROLLING OBSTACLE.
3. PROFILE: LINE 4., REMOVED "ASTERICK" FROM ZIMVI "6800" ALTITUDE. - NO LONGER REQUIRED.
4. PROFILE: LINE 8, UPDATED MSA RWY17 FROM "13400" TO "13500." - DUE TO NEW CONTROLLING OBSTACLE.
5. PBN REQUIREMENTS NOTE: UPDATED FROM "RNP APCH" TO "RNP APCH - GPS." - IAW WITH 8260.19J 8-6-8D.
6. NOTES: REMOVED "CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CAT C/D VISIBILITY TO 1 1/8 SM." - NO LIGHT TABLE IS ADEQUATE, 8260.19J 8-6-120(3) NO LONGER APPLIES.
7. NOTES: REMOVED *LNAV ONLY. - NO LONGER REQUIRED.
8. ADDITIONAL FLIGHT DATA: REMOVED "6725 AAO 383845N/1075157W, 5940 AAO 383505N/1075254W" AND UPDATED THESE IN GENERAL REMARKS. - IAW IMPLEMENTATION OF 8260.19J, ATTACHMENT 4, PARA 11.
9. ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBST FROM "6020 TREE 383434N/1075234W" TO "6005 TREE 383436N/1075236W." - DUE TO NEW PROCEDURE EVALUATION.
10. ADDITIONAL FLIGHT DATA: UPDATED CHART VDP AT "1.16 NM TO RW17" TO "1.25 NM TO RW17." - DUE TO NEW EVLUATION.
11. MINIMUMS: UPDATE ALL CATS LNAV/VNAV MINIMUMS FROM "6131 DA, 3/4 SM VIS, AND 423 HAT" TO "6136 DA, 3/4 SM VIS, AND 428 HAT." - DUE TO NEW CONTROLLING OBSTACLES.
12. MINIMUMS: UPDATE ALL CATS LNAV MINIMUMS FROM "6120 MDA, AND 412 HAT" TO "6160 MDA AND 452 HAT.", VIS REMAINED UNCHANGED - DUE TO NEW CONTROLLING OBSTACLES.
13. MINIMUMS: UPDATED CIRCLING CAT C FROM "6380 MDA AND 621 HAT" TO "6420 MDA AND 661 HAT." - DUE TO NEW CONTROLLING OBSTACLE AND CLEARING NOTAM 4/9190.
14. FAS DATA BLOCK INFORMATION: CRC REMAINDER CHANGED FROM "D7F3B040" TO "47BC1C80". - DUE TO FPAP LATITUDE AND LONGITUDE CHANGE FROM "383008.2900N/1075333.4700W" TO "383008.5455N/1075333.4645W."

COORDINATED WITH:

A4A

☒

ALPA

☒

AOPA

☒

APA

☒

HAI

☐

NBAA

☒

OTHER: ZDV, AIRPORT MANAGER

FLIGHT CHECKED BY

GARY WILSON BELL

OFFICE

FIOG

DATE

09/26/2019

DEVELOPED BY

LIAM DONAHUE (CORY SLANE)

OFFICE

AJV-33

DATE

12/23/2024

APPROVED BY

JOHN BORDY

OFFICE

AJV-33

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMTJ
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	383147.3935N
LTP/FTP LONGITUDE	1075333.8635W
LTP/FTP ELLIPSOIDAL HEIGHT	+17189
FPAP LATITUDE	383008.5455N
FPAP LONGITUDE	1075333.4645W
THRESHOLD CROSSING HEIGHT (TCH)	00056.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	47BC1C80

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+17354
FPAP ORTHOMETRIC HEIGHT	+17354



**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>
MTJ	RNAV (GPS) RWY 17	1A	MONTROSE	CO	5759	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM NADIN **TO** KAZJU

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	21.75				

<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	382806.00N/1081615.00W	8544	215	8	4B	2000					10600
TERRAIN	382939.00N/1081657.00W	8093 (8100)								AS1500	9600

COMPUTATIONS

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

SEGMENT REMARKS:

FEEDER

FROM PAGRE **TO** KAZJU

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	9.89				

<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	384942.00N/1080539.00W	6189	215	8	4B	2000				AT811	9000
TERRAIN	384939.00N/1080542.00W	6148 (6100)								AS1500	7600

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY
39
CHECKED

FEEDER

FROM

BATTZ

TO

KAZJU

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	9.15										
<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	385303.00N/1081033.00W	9449	215	8	4B	2000					11500
TERRAIN	385303.00N/1081033.00W	9248 (9200)								AS1500	10700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FEEDER

FROM

MEYRS

TO

GEJYU

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	21.26										
<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	383218.00N/1072727.00W	10220	215	8	4B	2000					12300
TERRAIN	383218.00N/1072727.00W	10019 (10000)								AS1500	11500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FEEDER

FROM

DIRDY

TO

GEJYU

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	11.66										
<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	385551.00N/1073600.00W	8980	215	8	4B	2000					11000
TERRAIN	385551.00N/1073600.00W	8779 (8800)								AS1500	10300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

KAZJU

TO

BRUUK

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	8.48										
<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	384418.00N/1075303.00W	6241	215	8	4B	1000				PR170 AT1589	9000
TERRAIN	385012.00N/1080342.00W	5889 (5900)								AS1500	7400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL

FROM

GEJYU

TO

BRUUK

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	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>
AAO	384221.00N/1075109.00W	7130	215	8	4B	1000				PR180 AT690	9000
TERRAIN	384257.00N/1074945.00W	6555 (6600)								AS1500	8100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

BRUUK

TO

WIDRU

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	5.98										
<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	384200.00N/1075106.00W	7189	215	8	4B	500				PR130 AT281	8100
TERRAIN	384200.00N/1075106.00W	6988 (7000)								AS1000	8000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LPV

FROM

WIDRU

TO

RW17

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	7.38		DA				200				
<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				5908

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM

WIDRU

TO

RW17

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	7.38		DA				428				
<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>
TERRAIN (08-066779)	383251.67N/1075302.81W	5806	20	3	1A		23.40:1			PR39	6136

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV

FROM

WIDRU

TO

ZIMVI/3.30 NM TO RW17

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	4.08										
<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	383827.00N/1075239.00W	6273	215	8	4B	250				XL69 PR90 AT118	6800

COMPUTATIONS

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

SEGMENT REMARKS:



FINAL: LNAV STEPDOWN

FROM

ZIMVI/3.30 NM TO RW17

TO

RW17

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30	3.30		RW17	452	

<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	383436.00N/1075236.00W	6005	215	8	4B	250				SA-108	6160

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

PAGRE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30-1.00					5722

<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				11000
AAO	382733.00N/1080206.00W	6847	215	8	4B	1000					7900
TERRAIN	382733.00N/1082818.00W	6646 (6600)								AS1500	8100

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

PAGRE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30-1.00										5936	
<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				11000
AAO	382733.00N/1080206.00W	6847	215	8	4B	1000					7900
TERRAIN	382733.00N/1082818.00W	6646 (6600)								AS1500	8100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM

RW17

TO

PAGRE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30-1.00											6047
<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				11000
AAO	382733.00N/1080206.00W	6847	215	8	4B	1000					7900
TERRAIN	382733.00N/1082818.00W	6646 (6600)								AS1500	8100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID

MTJ

PROCEDURE NAME

RNAV (GPS) RWY 17

AMDT NO.

1A

CITY

MONTROSE

STATE

CO

AIRPORT ELEVATION

5759

FACILITY

RNAV

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											
TREE (08-062997)	382838.14N/1075422.09W	1.41	521	5964	20	3	1A	300			6280
CATEGORY B											
TREE (08-062812)	382805.17N/1075442.40W	2.03	561	6013	20	10	1B	300			6320
CATEGORY C											
TANK (08-096308)	382722.35N/1075240.76W	3.21	661	6111	50	20	2C	300			6420
CATEGORY D											
AAO	382600.00N/1075600.00W	4.22	1041	6500	215	8	4B	300			6800

CIRCLING REMARKS:

MSA

CENTER	RADIUS
RW17	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	AAO	380845.00N/1073221.00W	132	28.4	12411	215	8	4B	1000			13500

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZDV ARTCC, DEN FSS

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	MTJ	24	MTJ	0	Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3	AJZ	24	AJZ	18.39	Y	123

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KMTJ 5759, KAJZ 5188
RA = 122.4.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
APPROACH AND RUNWAY LIGHTING SYSTEM		RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW13 - HIRL (PCL), VASI-4L		NPI-G	
RW31 - HIRL (PCL), REIL (PCL), VASI-4L		NPI-G	
RW17 - MALSR (PCL), HIRL (PCL), PAPI-4L		PIR-G	
RW35 - HIRL (PCL), REIL (PCL), PAPI-4L		PIR-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	5693.7	56.0			3.00	55.0

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	☒	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	☒	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 13
20:1	
5714 POLE (08-023612) 383034.49N/1075421.40W (10.46)	
FINAL TYPE	CIRCLING RWY 31
20:1	



<u>AIRPORT ID</u> MTJ	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 17	<u>AMDT NO.</u> 1A	<u>CITY</u> MONTROSE	<u>STATE</u> CO	<u>AIRPORT ELEVATION</u> 5759	<u>FACILITY</u> RNAV
5810 TREE (08-065847) 382930.25N/1075304.44W (6.16)						
<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:

FOR CONTINGENCY ALTIMETER USE ONLY:
WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AJZ ALTIMETER SETTING: INCREASE LPV DA TO 6031; INCREASE LNAV/VNAV DA TO 6259 AND ALL VISIBILITIES 3/8 SM; INCREASE ALL MDAS 140 FEET AND LNAV VISIBILITY CATS C/D 1/2 SM AND CIRCLING VISIBILITY CAT C 1/2 SM.
FOR INOPERATIVE ALS WHEN USING AJZ ALTIMETER SETTING, INCREASE LPV VISIBILITY TO 1 SM.
VDP NA WHEN USING AJZ ALTIMETER SETTING.
WHEN USING AJZ ALTIMETER SETTING CROSS ZIMVI AT OR ABOVE 6940.

40FT TREES USED FOR VEGETATION AS ADVISED BY FPT.

250 KNOT SPEED RESTRICTION IN MISSED USED FOR OBSTACLE AVOIDANCE, TO REDUCE TURN RADIUS ONCE THE PROJECTED AIRCRAFT ALTITUDE EXCEEDS 10,000 MSL.
250 KNOT SPEED RESTRICTION AT KAZJU USED FOR SEGMENT LENGTH CONSIDERATIONS WITH PROJECTED ALTITUDE ABOVE 10,000 MSL REQUIRING EVALUATION AT 300 KNOTS.

CRITICAL TEMPERATURE INFORMATION NOT ENTERED DUE TO PRECIPITOUS TERRAIN IN FINAL MAKING BARO-VNAV NA. HOWEVER, FOR FURTHER REVIEW PURPOSES, LNAV/VNAV OCS SLOPE WAS BASED ON 5-YEAR HISTORY, 2013-2017, ACT = -19C, CRITICAL LOW TEMPERATURE = -19C.

ORDER 8260.3 CHAPTER 2 APPLIED TO 6647 AAO 383924N/1075203W.
ORDER 8260.3 CHAPTER 2 APPLIED TO 6152 AAO 383518N/1075236W.
APPROVAL LETTER PROCESSED TO USE PPV RESULTS INSTEAD OF TARGETS FOR LPV FINAL, TO KEEP HAT AT 200 FT.

APPROVAL LETTER ON FILE FOR CHART NOTE: WHEN CIRCLING TO RWY 13 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD.

PRECIPITOUS TERRAIN EVALUATED.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<u>AIRPORT ID</u> MTJ	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 17	<u>AMDT NO.</u> 1A	<u>CITY</u> MONTROSE	<u>STATE</u> CO	<u>AIRPORT ELEVATION</u> 5759	<u>FACILITY</u> RNAV
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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	4.97
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	179.82
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	6300
DISTANCE FROM	THLD	TO 1500FT POINT	12.36
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	179.82
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	7000

THRESHOLD COORDINATES (IF STR-IN)

383147.39N/1075333.86W

ARP COORDINATES

383035.30N/1075339.30W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

RUNWAY 17 DISTANCE 1.20 NM

FAF COORDINATES

383910.54N/1075335.66W

FIX NAME COORDINATES

IF BRUUK 384509.55N/1075337.09W

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
LIAM DONAHUE (CORY SLANE)	AJV-33	12/23/2024	AERONAUTICAL INFORMATION SPECIALIST

