

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23

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> KMVE	<u>PROCEDURE NAME</u> VOR RWY 14	<u>ORIGINAL/AMENDMENT</u> 5D	<u>CITY</u> MONTEVIDEO	<u>STATE</u> MN		
<u>AIRPORT ELEVATION</u> 1034	<u>TDZE</u> 1034	<u>SUPERSEDED</u> VOR RWY 14	<u>ORIGINAL/AMENDMENT</u> 5C	<u>DATED</u> 10/07/2021	<u>MAG VAR</u> 5E	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> MVE	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 NOVEMBER 2022	<u>REQUIRED EFFECTIVE DATE</u> 11/03/2022	<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>
FITAS INT/DWN 30.46 DME		MVE VOR/DME					251.32	23.75	3000

MISSED APPROACH

MAP:

MVE VOR/DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 3400 DIRECT MVE VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3400.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT L SIDE OF COURSE 309.78 OUTBOUND 2600 FT WITHIN 10 MILES OF MVE VOR/DME (IAF)
2.
3. FAC: 129.78 FAF: DIST FAF TO MAP: DIST FAF TO THLD:
4. MIN ALT: EBZAN/MVE 2.50 DME 1840
8. MSA FROM: MVE VOR/DME 360-270 2600, 270-360 3400

EQUIPMENT REQUIREMENTS NOTES:

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 3 AND 21.
CHART NOTE: RWY 14 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FITAS ON V78 WESTBOUND V175 NORTHBOUND.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).



ADDITIONAL FLIGHT DATA:

CHART: MAX 6000 AT MVE VOR/DME.
HOLD NW, RT, 129.78 INBOUND.
CHART FAS OBST: 1149 TREE 450045N/0954349W.
1240 AAO 450131N/0954411W.
CHART VDP AT 1.13 DME
DISTANCE VDP TO THLD 1.07 NM.
FAC CROSSES RWY C/L EXTENDED 3012 FT FROM THLD.
EBZAN TO RW14: 3.01/30.

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-14	1840	1	806	1840	1 1/4	806	1840	2 1/2	806	1840	2 1/2	806			
CIRCLING	1840	1	806	1840	1 1/4	806	1840	2 1/2	806	1840	2 1/2	806			
EBZAN FIX MINIMUMS															
S-14	1400	1	366	1400	1	366	1400	1	366	1400	1	366			
CIRCLING	1560	1	526	1560	1	526	1700	1 3/4	666	1700	2	666			

- CHANGES - REASONS**
- INCORPORATED CHANGES FROM P-NOTAMS ON AMENDMENTS 5A, 5B, AND 5C INTO FORM - 8260.19I, 8-3-4.C(3).
 - REMOVED DAWSO FEEDER - PER IFP CHECKLIST REQUEST.
 - UPDATED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 2600 DIRECT MVE VOR/DME AND HOLD" TO "CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 3400 DIRECT MVE VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3400." - NEW CONTROLLING OBSTACLE.
 - MOVED BACKUP ALTIMETER AND ASSOCIATED NOTES FROM 8260-3 TO 8260-9 PART C: GENERAL REMARKS AS CONTINGENCY NOTE - 8260.19I, 8-6-9F(3).
 - ADDITIONAL FLIGHT DATA: UPDATED FAS OBST FROM "1114 TREE 450013N/0954411W" TO "CHART FAS OBST: 1149 TREE 450045N/0954349W" - NEW CONTROLLING OBSTACLE.
 - ADDITIONAL FLIGHT DATA: ADDED "CHART VDP AT 1.13 DME" AND "DISTANCE VDP TO THLD 1.07 NM" - NEW TARGETS EVALUATION.
 - MINIMUMS: UPDATED S-14 WHEN SDF RECEIVED ALL CATS FROM "1380 MDA/364 HAT" TO "1400 MDA/366 HAT" - NEW CONTROLLING OBSTACLE.
 - PROFILE LINE 4: CHANGED FROM "EBZAN/MVE 2.49 DME 1560*" TO "EBZAN/MVE 2.50 DME 1560*" - NEW TARGETS EVALUATION.
 - ADDED VDA "EBZAN TO RW14: 3.01/30" TO ADDITIONAL FLIGHT DATA - IAW 8260.19I 8-6-10 O(1).
 - ADDED "DISTANCE VDP TO THLD 1.07 NM" TO ADDITIONAL FLIGHT DATA - 20:1 PENETRATIONS HAVE BEEN ELIMINATED.
 - CHANGED FROM "FAC CROSSES RWY C/L EXTENDED 3003 FT FROM THLD" TO "FAC CROSSES RWY C/L EXTENDED 3012 FT FROM THLD" - 8260.19I, 8-6-10G(2).
 - CHANGED CHART NOTE: FROM "RWY 14 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" TO "CHART NOTE: RWY 14 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - 34:1 PENETRATIONS, PER 8260.19I, 8-6-11K(3).
 - ADDED 7:1 OBSTACLE TO ADDITIONAL FLIGHT DATA 1240 AAO 450131N/0954410W - NEW OBSTACLE EVALUATION.
 - REMOVED CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 14 PROCEDURE NA AT NIGHT - NEW EVALUATION SHOWS NO 20:1 PENETRATIONS.
 - UPDATED S-14 ALL CATS MDA/HAT FROM "1560 MDA/526 HAT" TO "1840 MDA/806 HAT" AND CATS B/C/D VISIBILITY FROM CAT B "1 SM" CATS C/D "1 1/2 SM" TO CAT B "1 1/4 SM" CATS C/D "2 1/2 SM" - UPDATED 8260.3E VIS TABLES TO MEET OPTIMUM VDA.
 - UPDATED CIRCLING CATS A AND B MDA/HAA FROM "1560 MDA/526 HAA" TO "1840 MDA/806 HAA" AND CATS C AND D FROM "1700 MDA/665 HAA" TO "1840 MDA/806 HAA", VISIBILITY CAT B FROM "1 SM" TO 1 ¼ SM, CAT C FROM "1 3/4 SM" TO "2 1/2 SM" AND CAT D FROM "2 SM" TO 2 1/2 SM - PER TARGETS EVAL AND UPDATED 8260.3E VIS TABLES.
 - ADDED PROCEDURE NA NOTE AT FITAS ON V78 WESTBOUND V175 NORTHBOUND - TURN EXCEEDS 90 DEGREES.
 - CHANGED FROM "FITAS INT" TO "FITAS INT/DWN 30.46 DME" TERMINAL ROUTES - PER IFPT/ATC CHECKLIST REQUEST.

8/8/2022: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 7/5/2022.
THIS PROCEDURE IS NOW SET FOR HARD DATE PUBLICATION.



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<u>COORDINATED WITH:</u> A4A <input type="checkbox"/> ALPA <input checked="" type="checkbox"/> AOPA <input checked="" type="checkbox"/> APA <input type="checkbox"/> HAI <input type="checkbox"/> NBAA <input checked="" type="checkbox"/> <u>OTHER:</u> AGL-220, ZMP ARTCC, PNM AFSS, AMGR.				
<u>FLIGHT CHECKED BY</u> PENDING		<u>OFFICE</u>	<u>DATE</u>	<i>Digitally signed by</i> CASIMIR L TABAKA Aug 10, 2022
<u>DEVELOPED BY</u> CASIMIR L. TABAKA (GREG LINDSEY)	<i>Digitally signed by</i> CASIMIR L TABAKA Aug 10, 2022	<u>OFFICE</u> AJV-A432	<u>DATE</u> 05/13/2022	
<u>APPROVED BY</u> JOHNNIE BAKER	<i>Digitally signed by</i> CASIMIR L TABAKA Aug 10, 2022	<u>OFFICE</u> AJV-A430	<u>DATE</u>	<u>TITLE</u> MANAGER

