

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>	<u>AMDT NO</u>	<u>ACTUAL EFFECTIVE DATE</u>
S33	MADRAS	OR	1B	10 AUGUST 2023

TAKEOFF MINIMUMS:

RWY 4, 34: STANDARD.

RWY 16: STANDARD WITH MINIMUM CLIMB OF 298 FT/NM TO 3900 OR 1300-3 FOR VCOA.

RWY 22: STANDARD WITH MINIMUM CLIMB OF 298 FT/NM TO 3900, OR 1300-3 FOR VCOA.

TEXTUAL DEPARTURE PROCEDURES:

RWY 4: CLIMBING LEFT TURN ON HEADING 210.00 TO INTERCEPT DSD VORTAC R-348 TO DSD VORTAC, CONTINUE CLIMB-IN-HOLD (HOLD NORTH, RIGHT TURNS, 167.55 INBOUND) TO CROSS DSD VORTAC AT OR ABOVE MEA/MCA FOR ROUTE OF FLIGHT.

RWY 16: CLIMBING RIGHT TURN ON HEADING 210.00 TO INTERCEPT DSD VORTAC R-348 TO DSD VORTAC, CONTINUE CLIMB-IN-HOLD (HOLD NORTH, RIGHT TURNS, 167.55 INBOUND) TO CROSS DSD VORTAC AT OR ABOVE MEA/MCA FOR ROUTE OF FLIGHT.

RWY 22: CLIMB ON HEADING 216.00 TO INTERCEPT DSD VORTAC R-348 TO DSD VORTAC, CONTINUE CLIMB-IN-HOLD (HOLD NORTH, RIGHT TURNS, 167.55 INBOUND) TO CROSS DSD VORTAC AT OR ABOVE MEA/MCA FOR ROUTE OF FLIGHT.

RWY 34: CLIMBING LEFT TURN ON HEADING 210.00 TO INTERCEPT DSD VORTAC R-348 TO DSD VORTAC, CONTINUE CLIMB-IN-HOLD (HOLD NORTH, RIGHT TURNS, 167.55 INBOUND) TO CROSS DSD VORTAC AT OR ABOVE MEA/MCA FOR ROUTE OF FLIGHT.

VISUAL CLIMB OVER AIRPORT:

RWY 16, 22: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS MADRAS MUNI AIRPORT AT OR ABOVE 3600, THEN PROCEED ON DSD VORTAC R-356 TO DSD VORTAC. CONTINUE CLIMB IN DSD HOLDING PATTERN (HOLD NORTH, RIGHT TURNS, 167.55 INBOUND) TO CROSS DSD VORTAC AT OR ABOVE MEA/MCA FOR ROUTE OF FLIGHT.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 4: TREE 116 FT FROM DER, 479 FT RIGHT OF CENTERLINE, 8 FT AGL/2434 FT MSL.

VEHICLES ON ROAD 197 FT FROM DER, 260 FT LEFT OF CENTERLINE, 2432 FT MSL.

VEHICLES ON ROAD 365 FT FROM DER, 145 FT LEFT OF CENTERLINE, 2436 FT MSL.

TREES BEGINNING 382 FT FROM DER, 345 FT RIGHT OF CENTERLINE, UP TO 2439 FT MSL.

TREE 593 FT FROM DER, 204 FT RIGHT OF CENTERLINE, 13 FT AGL/2444 FT MSL.

VEHICLES ON ROAD 742 FT FROM DER, 113 FT RIGHT OF CENTERLINE, 2447 FT MSL.

TREE 1388 FT FROM DER, 21 FT LEFT OF CENTERLINE, 38 FT AGL/2474 FT MSL.

TREE, SIGN BEGINNING 1448 FT FROM DER, 72 FT RIGHT OF CENTERLINE, UP TO 42 FT AGL/2478 FT MSL.

BUILDING, TREES BEGINNING 1574 FT FROM DER, 71 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/2485 FT MSL.

TREE 2717 FT FROM DER, 1214 FT RIGHT OF CENTERLINE, 47 FT AGL/2504 FT MSL.

NOTE: RWY 16: LIGHT POLES 10 FT FROM DER, 17 FT RIGHT OF CENTERLINE, 1 FT AGL/2438 FT MSL.

TREE 132 FT FROM DER, 501 FT LEFT OF CENTERLINE, 4 FT AGL/2442 FT MSL.

TREE 195 FT FROM DER, 152 FT LEFT OF CENTERLINE, 2444 FT MSL.

POLE 870 FT FROM DER, 702 FT RIGHT OF CENTERLINE, 25 FT AGL/2460 FT MSL.

NOTE: RWY 22: TREES BEGINNING 3 FT FROM DER, 77 FT LEFT OF CENTERLINE, UP TO 3 FT AGL/2421 FT MSL.

TREE 32 FT FROM DER, 101 FT RIGHT OF CENTERLINE, 3 FT AGL/2420 FT MSL.

NOTE: RWY 34: TREE 68 FT FROM DER, 293 FT LEFT OF CENTERLINE, 6 FT AGL/2432 FT MSL.

TREE 72 FT FROM DER, 496 FT RIGHT OF CENTERLINE, 3 FT AGL/2435 FT MSL.

TREE 91 FT FROM DER, 133 FT RIGHT OF CENTERLINE, 2437 FT MSL.

CONTROLLING OBSTACLES:

RWY 16: 3479 FT MSL AAO 443639.39N/1211416.99W.

RWY 22: 3479 FT MSL AAO 443639.39N/1211416.99W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 4, 16, 22, 34: 10697 FT MSL AAO 444023.80N/1214750.70W.

VISUAL CLIMB AREA OBSTACLE: 2939 FT MSL AAO 443805.58N/1210439.46W.

OBSTACLE OUTSIDE VISUAL CLIMB AREA MANDATING VCOA CLIMB TO ALTITUDE: 3479 FT MSL AAO 443639.39N/1211416.99W.

REMARKS:

MAXIMUM 100 FT VEGETATION HEIGHT APPLIED

FLIGHT INSPECTED BY
JOSEPH R JAQUISH

Digitally signed by
ERIC N SUSKI
Apr 26, 2023

OFFICE
FPO

DATE
04/25/2023

DEVELOPED BY
PARNELL PRASSADA

Digitally signed by
PARNELL R PRASSADA
Mar 23, 2023

OFFICE
AJV-A431

DATE
02/02/2023

APPROVED BY
JOHNNIE BAKER III

Digitally signed by
ERIC N SUSKI
Apr 18, 2023

OFFICE
AJV-A430

DATE

TITLE
MANAGER



<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>	<u>AMDT NO</u>	<u>ACTUAL EFFECTIVE DATE</u>
S33	MADRAS	OR	1B	10 AUGUST 2023

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA

OTHER:

ZSE, ARPT MGR

CHANGES - REASONS:

1. CHANGED FROM CLIMB GRADIENT UNIT FORMAT FROM "FEET PER NM" TO "FT/NM" - IAW 8260.46J, FIGURE 2-1-1.
2. UPDATED TAKEOFF MINIMUMS, TEXTUAL DEPARTURE PROCEDURES, AND VISUAL CLIMB OVER AIRPORT MINIMUMS VERBIAGE – IAW 8260.46J, FIGURE 2-1-1; APPENDIX D, SECTION 1, PARAGRAPH (2) (C) (F) (G).
3. UPDATED TAKEOFF OBSTACLE NOTES - IAW 8260.46J, APPENDIX D, SECTION 1 PARAGRAPH (2) (H) - ADDED "BUILDING 1574 FT FROM DER, 337 FT LEFT OF CENTERLINE, 50 FT AGL/2485 FT MSL" TO RWY 4 OBSTACLE NOTES.
4. ADDED "OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 4, 16, 22, 34: 10697 FT MSL AAO 44023.80N/1214750.70W" TO CONTROLLING OBSTACLES - IAW 8260.46J, APPENDIX D, SECTION 1 PARAGRAPH (2) (I).
5. ADDED TO REMARKS "MAXIMUM 100 FT VEGETATION HEIGHT APPLIED" - REFERENCE FOR FUTURE DEVELOPERS.
6. ADDED ZSE AND ARPT MGR TO COORDINATED WITH SECTION - IAW 8260.46J, APPENDIX D, SECTION 1 PARAGRAPH (2) (O).

