

**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</u>	<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>	<u>AMDT NO</u>	<u>ACTUAL EFFECTIVE DATE</u>
MADRAS MUNICIPAL	S33 ←	MADRAS	OR	1A	30 JANUARY 2020

**TAKEOFF MINIMUMS:** THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 20-01.

**RWY 4, 34:** STANDARD

**RWY 16, 22:** STANDARD WITH MINIMUM CLIMB OF 298 FT PER NM TO 3900 OR 1300-3 FOR CLIMB IN VISUAL CONDITIONS

**TEXTUAL DEPARTURE PROCEDURES:**

**RWY 4, 34:** CLIMBING LEFT TURN HEADING 210.00 TO INTERCEPT DSD R-348 TO DSD VORTAC, THENCE...

**RWY 16:** CLIMBING RIGHT TURN HEADING 210.00 TO INTERCEPT DSD R-348 TO DSD VORTAC, THENCE...

**RWY 22:** CLIMB ON HEADING 216.00 TO INTERCEPT DSD R-348 TO DSD VORTAC, THENCE...

...CONTINUE CLIMB-IN-HOLD (HOLD N, RT, 167.55 INBOUND) TO 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 MUNICIPAL AIRPORT AT OR ABOVE 3600, THEN PROCEED ON DSD R-356 TO DSD VORTAC. CONTINUE CLIMB-IN-HOLD (HOLD N, RT, 167.55 INBOUND) TO MEA/MCA FOR ROUTE OF FLIGHT.

**TAKEOFF OBSTACLE NOTES:**

**NOTE: RWY 4,** AIRCRAFT ON TAXIWAY 98 FT FROM DER, 237 FT RIGHT OF CENTERLINE, 16FT AGL/2455 FT MSL, VEGETATION 383 FT FROM DER, 483 FT RIGHT OF CENTERLINE, 2439 FT MSL. VEHICLES ON ROAD 742 FT FROM DER, 113 FT RIGHT OF CENTERLINE, 2447 FT MSL.

**NOTE: RWY 16,** AIRCRAFT ON TURF RUNWAY ABEAM DER, 185 FT RIGHT OF CENTERLINE, 16FT AGL/2455 FT MSL, VEGETATION 196 FT FROM DER, 151 FT LEFT OF CENTERLINE, 2444 FT MSL.

**NOTE: RWY 34,** AIRCRAFT ON TAXIWAY ABEAM DER, 250 FT RIGHT OF CENTERLINE, 16FT AGL/2455 FT MSL, AIRCRAFT ON TAXIWAY 215 FT FROM DER, ON CENTERLINE, 16FT AGL/2455 FT MSL, AIRCRAFT ON RUNWAY 1396 FT FROM DER, 375 FT LEFT OF CENTERLINE, 16 FT AGL/ 2455 MSL, VEGETATION 92 FT FROM DER, 133 FT RIGHT OF CENTERLINE, 2437 FT MSL.

**CONTROLLING OBSTACLES:**

**RWY 4, 34:** 10697 FT MSL AAO 444023.80N/1214750.70W.

**RWY 16, 22:** 3479 FT MSL AAO 443639.39N/1211416.99W, 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:**

ADDED AIRCRAFT TAXIING TAKEOFF OBSTACLE NOTES TO RWYS 4, 16 & 34 TO ALERT DEPARTING AIRCRAFT FOR ADDED SAFETY. RWY 16/34 HAS PARALLEL UNMARKED TURF RUNWAY.

**FLIGHT INSPECTED BY** PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO OCTOBER 3 2018  
SUBJECT

*Digitally signed by*  
**DONALD H LANIER**

OFFICE

DATE

**DEVELOPED BY**  
DONALD LANIER (ARTHUR ULVESTAD)

*Digitally signed by* Nov 07, 2019  
**DONALD H LANIER**

OFFICE

DATE

*Digitally signed by*

Nov 07, 2019

AJV-A431

08/15/2019

**APPROVED BY** **DONALD H LANIER**

GEORGE DAVIS Nov 07, 2019

OFFICE

DATE

TITLE

AJV-A430

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**COORDINATED WITH:**

**A4A**  **ALPA**  **AOPA**  **APA**  **HAI**  **NBAA**  **OTHER:**

**CHANGES - REASONS:**

- ADDED "OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE." TO VISUAL CLIMB OVER AIRPORT SECTION - IAW 8260.46G
- UPDATED TAKEOFF OBSTACLE NOTES - NEW EVALUATION IN DEPARTURE OBSTACLE GROUPER
- REMOVED VCOA INSTRUCTIONS FROM TEXTUAL DEPARTURE PROCEDURE BLOCK AND RELOCATED THEM IN VCOA BLOCK - NEW 8260-15A FORM & 8260.46G.
- ADDED VCOA AREAS CONTROLLING OBSTACLES ARE APPLIED TO - IAW 8260.46G, APPDX D, SECTION 1 #11 D.
- ADDED TAKEOFF OBSTACLE NOTES INFORMATION TO REMARKS BLOCK - NO TAXIING AIRCRAFT IDENTIFIED IN SURVEY; NOTES ADDED TO

QUALITY  
8  
CHECKED

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ALERT PILOTS OF TAXIING AIRCRAFT AND IMPROVE SAFETY.

6. CHANGED RWY 22 TEXTUAL DEPARTURE PROCEDURE WORDING FROM "CLIMB HEADING" TO "CLIMB ON HEADING" - IAW 8260.46G, 1-1-5 A (3).

11/22/19: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 11/7/19.

CHANGED AIRPORT ID FROM KS33 TO S33.

