

**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> |
|-------------------|-------------|--------------|----------------|------------------------------|
| KRHP              | ANDREWS     | NC           | 2              | 10 AUGUST 2023               |

**TAKEOFF MINIMUMS:**

RWY 8, 26: MAXIMUM 180 KIAS 3900-3, MAXIMUM 210 KIAS 4000-3, MAXIMUM 250 KIAS 4200-3 FOR VCOA.

**TEXTUAL DEPARTURE PROCEDURES:**

**VISUAL CLIMB OVER AIRPORT:**

ALL RUNWAYS, OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS WESTERN CAROLINA RGNL AIRPORT AT OR ABOVE 5700 BEFORE PROCEEDING ON COURSE. NOTE: VCOA NA AT NIGHT.

**TAKEOFF OBSTACLE NOTES:**

**CONTROLLING OBSTACLES:**

VISUAL CLIMB AREA OBSTACLE: 3827 FT MSL TREE 351400.00N/0835336.00W (180 KIAS); 4226 FT MSL AAO 350827.00N/0835000.00W (210 KIAS); 4640 FT MSL AAO 350820.51N/0834908.89W (250 KIAS)

OBSTACLE OUTSIDE VISUAL CLIMB AREA MANDATING VCOA CLIMB TO ALTITUDE: 5480 FT MSL AAO 350829.84N/0834338.40W

**REMARKS:**

ALL RUNWAYS: VCOA ONLY DEVELOPED DUE TO EXCESSIVE CLIMB GRADIENT DUE TO HIGH TERRAIN AND AAO OUTSIDE ICA.

ALL RUNWAYS: VCOA NA AT NIGHT DUE TO NO SURVEY.

**FLIGHT INSPECTED BY**

JAMES L REINEBOLD

*Digitally signed by*

**ERIC N SUSKI**

Jun 05, 2023

**OFFICE**

FPO

**DATE**

05/31/2023

**DEVELOPED BY**

ERIC SUSKI (COLE NESBITT)

*Digitally signed by*

**ERIC N SUSKI**

Jan 30, 2023

**OFFICE**

AJV-A431

**DATE**

11/18/2022

**APPROVED BY**

ERIC SUSKI

*Digitally signed by*

**ERIC N SUSKI**

Jan 30, 2023

**OFFICE**

AJV-A431

**DATE**

**TITLE**

MANAGER

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZTL, AMGR

**CHANGES - REASONS:**

1. TAKE OFF MINIMUMS: CHANGED FROM "MAXIMUM 180 KIAS 3400-2, MAXIMUM 210 KIAS 3400-2 1/2, MAXIMUM 180 KIAS 3400-3" TO "MAXIMUM 180 KIAS 3900-3, MAXIMUM 210 KIAS 4000-3, MAXIMUM 250 KIAS 4200-3 FOR VCOA." - NEW TARGETS EVALUATION.
2. TEXTUAL DEPARTURE PROCEDURES: REMOVED - VCOA ONLY DEVELOPED PER FPT REQUEST.
3. VISUAL CLIMB OVER AIRPORT: CHANGED FROM "PROCEDURE NA AT NIGHT. REMAIN WITHIN 3 NM OF ANDREWS-MURPHY AIRPORT WHILE CLIMBING IN VISUAL CONDITIONS TO GROSS AIRPORT WESTBOUND AT OR ABOVE 4900. THEN CLIMB TO 7000 VIA HEADING 251 AND HARRIS (HRS) VORTAC R-356 TO HARRIS (HRS) VORTAC BEFORE PROCEEDING ON COURSE." TO "ALL RUNWAYS, OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS WESTERN CAROLINA RGNL AIRPORT AT OR ABOVE 5700 BEFORE PROCEEDING ON COURSE. NOTE: VCOA NA AT NIGHT." - NEW TARGETS EVALUATION, 8260.56J APPENDIX D 2 G.
4. CONTROLLING OBSTACLES: CHANGED FROM "RWYS 8, 26: 3010 MSL TREE 351300.00/835348.00, 3419 MSL TREE 351320.00/835429.00, 4240 MSL TREE 351454.58/835121.58" TO "VISUAL CLIMB AREA OBSTACLE: 327 FT MSL TREE (180 KIAS) 4226 FT MSL AAO 350827.00N/835000.00W (210 KIAS) 4640 FT MSL AAO 350820.51N/0834908.89W (250 KIAS) OBSTACLE OUTSIDE VISUAL CLIMB AREA MANDATING VCOA CLIMB TO ALTITUDE: 5480 FT MSL AAO 350829.84N/0834338.40W" - NEW TARGETS EVALUATION, 8260.56J APPENDIX D 2 I.
5. REMARKS: ADDED "ALL RUNWAYS: VCOA ONLY DEVELOPED DUE TO EXCESSIVE CLIMB GRADIENT DUE TO HIGH TERRAIN AND AAO OUTSIDE ICA." - RWY 8 REQUIRED CLIMB GRADIENT 1565 FT/NM, RWY 26 REQUIRED CLIMB GRADIENT 2893 FT/NM.
6. REMARKS: ADDED "ALL RUNWAYS: VCOA NA AT NIGHT DUE TO NO SURVEY." - FOR CLARIFICATION.

