

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

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>DP NAME</u> | <u>NUMBER</u> | <u>DP COMPUTER CODE</u> | <u>SUPERSEDED NUMBER</u> | <u>DATED</u> | <u>EFFECTIVE DATE</u> |
|----------------|---------------|-------------------------|--------------------------|--------------|-----------------------|
| HUNTSVILLE | FOUR | HSV4.HSV | THREE | 03/02/2017 | 1 FEB 2018 |

| <u>TYPE:</u> | <u>OBSTACLE</u> | <u>COPTER</u> | <u>SID</u> | <u>SPECIAL</u> | <u>RNAV</u> |
|--------------|--------------------------|--------------------------|-------------------------------------|--------------------------|--------------------------|
| | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

DP ROUTE DESCRIPTION:

TAKEOFF RWY 36R: CLIMB HEADING 004.95 TO 1600 THEN ON ASSIGNED HEADING FOR VECTORS TO JOIN FILED ROUTE. MAINTAIN 5,000 OR ASSIGNED LOWER ALTITUDE. EXPECT CLEARANCE TO REQUESTED FILED ALTITUDE/FLIGHT LEVEL TEN MINUTES AFTER DEPARTURE.

TAKEOFF ALL OTHER RUNWAYS: CLIMB ON ASSIGNED HEADING FOR VECTORS TO JOIN FILED ROUTE. MAINTAIN 5,000 OR ASSIGNED LOWER ALTITUDE. EXPECT CLEARANCE TO REQUESTED FILED ALTITUDE/FLIGHT LEVEL TEN MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

| <u>TRANSITION NAME</u> | <u>TRANSITION COMPUTER CODE</u> | <u>FROM FIX/NAVAID</u> | <u>TO FIX/NAVAID</u> | <u>COURSE</u> | <u>DISTANCE</u> | <u>MEA</u> | <u>MOCA</u> | <u>CROSSING ALTITUDE/FIXES</u> |
|------------------------|-------------------------------------|----------------------------|--------------------------|---------------|-----------------|------------|-------------|------------------------------------|
|------------------------|-------------------------------------|----------------------------|--------------------------|---------------|-----------------|------------|-------------|------------------------------------|

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED.

TAKEOFF MINIMUMS:

RWY 18L, 18R, 36L, 36R: STANDARD.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 18L, TREES BEGINNING 1088 FT FROM DER, 710 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/660 FT MSL.

NOTE: RWY 36L, TREES BEGINNING 1911 FT FROM DER, 904 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/719 FT MSL. TREES BEGINNING 3693 FT FROM DER, 1392 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/749 FT MSL.

NOTE: RWY 36R, FENCE 383 FT FROM DER, 602 FT RIGHT OF CENTERLINE, UP TO 11 FT AGL/620 FT MSL. TREES BEGINNING 1312 FT FROM DER, 799 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/729 FT MSL.

CONTROLLING OBSTACLES:

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 36: 1381 FT MSL AAO 344403.00N/0864345.00W.

LOST COMMUNICATIONS PROCEDURES:**ADDITIONAL FLIGHT DATA:**

CHART: TOP ALTITUDE: 5000.

REFERENCE MAG VAR: KHSV 4W EPOCH YEAR: 20.

CHART: HUNTSVILLE EAST/WEST DEPARTUE CONTROL BOUNDARY.

CHART ON GRAPHIC IN A BOX: DEP CON EAST FREQUENCY.

CHART ON GRAPHIC IN A BOX: DEP CON WEST FREQUENCY.

CHART NOTE: USE FREQUENCY DEPICTED WITHIN THE SECTOR WHERE FIX/NAVAID FOR YOUR ROUTE IS LOCATED.

AIRPORTS SERVED:

| <u>AIRPORT NAME</u> | <u>CITY</u> | <u>STATE</u> |
|-------------------------------------|-------------|--------------|
| HUNTSVILLE INTL-CARL T. JONES FIELD | HUNTSVILLE | AL |

QUALITY
3
CHECKED

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COMMUNICATIONS:

ATIS, GND CON, CLNC DEL, TWR, DEP CON.

FIXES AND/OR NAVAIDS:

VORTACS: AEX, ARG, BNA, IGB, MEM, RMG, RQZ, SQS, VUZ.

VOR/DMES: CNG, GAD, HCH, LVT, SYI.

REMARKS:

ABBREVIATED AMENDMENT.

FLIGHT INSPECTED BY: *Digitally signed by*

BEV L BORDY

Aug 08, 2017

OFFICE SYMBOL:

FICO

DATE:

8/4/17

DEVELOPED BY: *Digitally signed by*

SYLVAN DRAKES

May 10, 2017

OFFICE SYMBOL:

AJV-5433

DATE:

12/09/2016

APPROVED BY: *Digitally signed by*

BEV L BORDY

Aug 08, 2017

OFFICE SYMBOL:

AJV-5430

DATE:

REQUIRED EFFECTIVE DATE:

ROUTINE.

COORDINATED WITH:

A4A

ALPA

AOPA

APA

HAI

NBAA

**OTHER:**

ZME, HSV APP CON, HSV ATCT, AIRPORT MANAGER

CHANGES - REASONS:

1. UPDATED MAGNETIC VARIATION (MAG VAR) FOR HUNTSVILLE INTL-CARL T. JONES FIELD (KHSV) FROM 1W (EPOCH YEAR 1990) "TO" 4W (EPOCH YEAR 2020) - MAGNETIC VARIATION UPDATE REQUIRED.
2. UPDATED DP ROUTE DESCRIPTION FROM TAKEOFF RUNWAY 36R: CLIMB HEADING 001.95 TO 1300 TO CLIMB HEADING 004.95 TO 1600 - NEW CONTROLLING OBSTACLE DATA.
3. ADDED REFERENCE MAG VAR: KHSV 4W EPOCH YEAR: 20 - PER 8260.46F APPENDIX D.
4. UPDATED OBSTACLE MANDATING ODP ROUTE DEVELOPMENT FROM 2673 FT MSL TOWER 344236.31N/0863205.29W TO 1381 FT MSL AAO 344403.00N/0864345.00W - NEW OR UPDATED SURVEY DATA.
5. ADDED PROCEDURAL DATA NOTE: RADAR REQUIRED - VECTOR SID.

QUALITY
3
CHECKED