

**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>
MC GHEE TYSON	KTYS	KNOXVILLE	TN	9	12 AUGUST 2021

**TAKEOFF MINIMUMS:**

5L, 5R, 23L, 23R: STANDARD.

**TEXTUAL DEPARTURE PROCEDURES:**

RWY 5L: CLIMB DIRECT VXV VORTAC THEN ON VXV VORTAC R-053 TO 4100 BEFORE PROCEEDING ON COURSE.

RWY 5R: CLIMB DIRECT VXV VORTAC THEN ON VXV VORTAC R-053 TO 4100 BEFORE PROCEEDING ON COURSE.

RWY 23L: CLIMB ON VXV VORTAC R-226 TO 4300 BEFORE PROCEEDING ON COURSE.

RWY 23R: CLIMB ON VXV VORTAC R-226 TO 4300 BEFORE PROCEEDING ON COURSE.

**VISUAL CLIMB OVER AIRPORT:**

**TAKEOFF OBSTACLE NOTES:**

**NOTE: RWY 5R:** TERRAIN 53 FT FROM DER, 489 FT LEFT OF CENTERLINE, 967 FT MSL. POLES BEGINNING 96 FT FROM DER, 438 FT RIGHT OF CENTERLINE, UP TO 45 FT AGL/976 FT MSL.

**NOTE: RWY 23L:** CATENARIES BEGINNING 3690 FT FROM DER, 521 FT LEFT OF CENTERLINE, UP TO 144 FT AGL/1040 FT MSL. TRANSMISSION LINE TOWERS BEGINNING 3885 FT FROM DER, 1003 FT LEFT OF CENTERLINE, UP TO 137 FT AGL/1049 FT MSL.

**NOTE: RWY 23R:** TRANSMISSION LINE TOWER 3787 FT FROM DER, 1510 FT LEFT OF CENTERLINE, 117 FT AGL/1025 FT MSL.

**CONTROLLING OBSTACLES:**

**OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:**

**RWY 5L, 5R:** 5727 FT MSL AAO 353418.16N/0834230.90W.

**RWY 23L, 23R:** 5727 FT MSL AAO 353418.16N/0834230.90W.

**REMARKS:**

**FLIGHT INSPECTED BY**

PENDING

*Digitally signed by*

**JON DENTON**

Apr 12, 2021

**OFFICE**

**DATE**

**DEVELOPED BY**

SYLVAN DRAKES

*Digitally signed by*

**SYLVAN DRAKES**

Feb 08, 2021

**OFFICE**

AJV-A432

**DATE**

01/06/2021

**APPROVED BY**

LONNIE EVERHART

*Digitally signed by*

**JON DENTON**

Apr 12, 2021

**OFFICE**

AJV-A430

**DATE**

**TITLE**

MANAGER

**REQUIRED EFFECTIVE DATE:**

AUG 12, 2021

**COORDINATED WITH:**

**A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZTL, TYS APP CON, TYS TOWER, AMGR, HQ USAF/ANG.

**CHANGES - REASONS:**

1. TEXTUAL DEPARTURE PROCEDURES: DELETED NORTHEAST BOUND FROM RWY 5L/5R AND SOUTHWEST BOUND FROM RWY 23L/R; INCREASED RWY 23L/R ALTITUDE FROM 4000 TO 4300 BEFORE PROCEEDING ON COURSE.

2. DELETED RWY 5L TAKEOFF OBSTACLE NOTES - NO LOW, CLOSE-IN OBSTACLES IDENTIFIED.

3. UPDATED RWYS 5R AND 23L TAKEOFF OBSTACLE NOTES - UPDATED LOW, CLOSE-IN DATA.

4. ADDED RWY 23R TAKEOFF OBSTACLE NOTES - UPDATED LOW, CLOSE-IN DATA.

QUALITY  
19  
CHECKED