

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u>AIRPORT ID</u> KGRK	<u>PROCEDURE NAME</u> VOR RWY 15	<u>ORIGINAL/AMENDMENT</u> 3C	<u>CITY</u> FORT HOOD/KILLEEN	<u>STATE</u> TX		
<u>AIRPORT ELEVATION</u> 1015	<u>TDZE</u> 1015	<u>SUPERSEDED</u> VOR/DME RWY 15	<u>ORIGINAL/AMENDMENT</u> 3B	<u>DATED</u> 05/21/2020	<u>MAG VAR</u> 7E	<u>EPOCH YEAR</u> 1990
<u>FACILITY</u> GRK	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 15 JUNE 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
GRK VOR/DME		CURTZ/8.70 DME					331.71	8.70	4000
AGJ VORTAC	IAF	SCULL/14.70 DME	NOPT				063.39	12.41 (GRK LR-323)	3000
SCULL/14.70 DME	IF	CURTZ/8.70 DME					151.71	6.00 (GRK R-332)	3000

MISSED APPROACH

MAP:

5.68 NM AFTER CURTZ/8.70 DME OR AT GRK 3.02 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 3000 DIRECT AGJ VORTAC AND HOLD

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT L SIDE OF COURSE 331.71 OUTBOUND 4000 FT WITHIN 10 MILES OF CURTZ/8.70 DME (IAF)
- 2.
3. FAC: 151.71 FAF: CURTZ/8.70 DME DIST FAF TO MAP: 5.68 DIST FAF TO THLD: 5.68
4. MIN ALT: CURTZ/8.70 DME 3000, HEKNU/5.12 DME 1780
8. MSA FROM: GRK VOR/DME 360-180 3100, 180-360 4200

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

- CHART NOTE: CIRCLING NA WEST OF RWYS 15 AND 33.
 CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
 CHART PLANVIEW NOTE: CAT E PROCEDURE TURN NOT AUTHORIZED
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-15 CAT E VISIBILITY TO 1 5/8 SM



ADDITIONAL FLIGHT DATA:

CHART HOOD MOA
 CHART GRAY MOA
 HOLD N, RT, 194.00 INBOUND.
 CHART FAS OBST: 1244 TOWER (48-033261) 310502N/0975101W.
 CHART 1260 TRANSMISSION_LINE 310641N/0975230W.
 CHART R-6302 A,B,C,D.
 CHART VDP AT 4.56 DME
 DISTANCE VDP TO THLD 1.54 NM.
 FAC CROSSES RWY C/L EXTENDED 59 FT FROM THLD.
 CHART CIRCLING ICON.
 CURTZ TO RW15: 3.17/71.

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA

CATEGORY:	A			B			C			D			E		
	FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS
S-15	1560	2400	545	1560	2400	545	1560	6000	545	1560	6000	545	1560	6000	545
CIRCLING	1560	1	545	1560	1	545	1560	1 5/8	545	1620	2	605	1740	2 1/2	725

CHANGES - REASONS

1. INCORPORATED CHANGES FROM FDC NOTAMS 5/9355, 0/8355, AND 1/8416 ONTO FORMS
2. AMENDED PROCEDURE NAME FROM "VOR/DME RWY 15" TO "VOR RWY 15" - REMOVED 'DME' IAW 8260.3D 1-6-2 A
3. AMENDED MAP FROM "GRK 3.02 DME" TO "5.68 NM AFTER CURTZ/8.70 DME OR AT GRK 3.02 DME" - MAP POINT FORMAT UPDATED TO CURRENT CRITERIA IAW 8260.19 8-6-6 C(2) AND COURSE/DME FROM SAME FACILITY IAW 8260.19I 8-6-6 C(1)
4. ADDED EQUIPMENT REQUIREMENTS NOTE "DME REQUIRED" - IAW 8260.19I 8-6-8 A(2)(A)
5. AMENDED PROFILE LINE 3 TO ADD "DIST FAF TO MAP: 5.68" - 8260.19I 8-6-7 C(3)
6. AMENDED NOTE FROM "CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-15 CAT E VISIBILITY 1/2 MILE" TO "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-15 CAT E VISIBILITY TO 1 5/8 SM" - UPDATED TO CURRENT CRITERIA IAW 8260.19I 8-6-11 O(3)(D)
7. AMENDED NOTES TO ADD "CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - VGSI AND VDA TCHS DIFFER BY MORE THAN 3 FT IAW 8260.19I 8-6-9 M(2)
8. AMENDED ADDITIONAL FLIGHT DATA TO DELETE "CHART ASR/PAR" - NOTE NO LONGER NEEDED IAW 8260.19I 1-1-5 G(16)
9. AMENDED ADDITIONAL FLIGHT DATA FROM "CHART FAS OBST: 1259 TREE 310448N/0975127W" TO "CHART FAS OBST: 1244 TOWER (48-033261) 310502N/0975101W" - NEW FINAL SD CONTROLLING OBSTACLE IDENTIFIED AND IAW 8260.19I 8-6-10 C
10. AMENDED ADDITIONAL FLIGHT DATA TO ADD "CHART 1260 TRANSMISSION_LINE 310641N/0975230W" - OBSTACLE CLOSE TO THE FAC IAW 8260.19I 8-6-10 E(2)
11. AMENDED ADDITIONAL FLIGHT DATA TO DELETE "CHART TDZE" - NOTE NOT NEEDED
12. AMENDED ADDITIONAL FLIGHT DATA FROM "CHART VDP AT 4.38 DME" AND "DISTANCE VDP TO THLD 1.36 NM" TO "CHART VDP AT 4.56 DME" AND "DISTANCE VDP TO THLD 1.54 NM" - INCREASE IN MDA RELOCATED VDP FURTHER FROM THLD
13. AMENDED ADDITIONAL FLIGHT DATA TO ADD "FAC CROSSES RWY C/L EXTENDED 59 FEET FROM THLD" - FAC (TARGETS) AND RWY C/L (AIRNAV) TRUE BRGS DIFFER BY MORE THAN +/-0.03 DEGREES (-1.366 DEGREES) IAW 8260.19I 8-6-10 G(2)
14. AMENDED S-15 MINIMUMS FROM "MDA 1520/HAT 505" TO "MDA 1560/545" - NEW FINAL CONTROLLING OBSTACLE IDENTIFIED
15. AMENDED S-15 CATS C/D VISIBILITY FROM "RVR 5000" TO "RVR 6000" - HAT OF 545 WITH FALS IAW 8260.3E TABLE 3-3-1
16. AMENDED CIRCLING CATS A/B MINIMUMS FROM "MDA 1540/525" TO "MDA 1560/HAA 545" - ALIGNED WITH STRAIGHT-IN MINIMUMS
17. AMENDED CIRCLING CAT C VISIBILITY FROM "1 1/2" TO "1 5/8" - INCREASED TO MATCH THE "WITHOUT APPROACH LIGHTS" VISIBILITY OF THE HIGHEST STRAIGHT IN LINE OF MINIMA (HAT 545) FROM TABLE 3-3-1 IAW 8260.3E 3-3-3 D



AIRPORT ID
KGRK

PROCEDURE NAME
VOR RWY 15

ORIGINAL/AMENDMENT
3C

CITY
FORT HOOD/KILLEEN

STATE
TX

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA **OTHER:** ZHU, GRK APP CON, GRK ATCT, AMGR

FLIGHT CHECKED BY
JEFFREY A FINDLEY

Digitally signed by **OFFICE**
MARK D ADAMS FPO
Mar 29, 2023

DATE
03/23/2023

DEVELOPED BY
KELLY CARLSON

Digitally signed by
MARK D ADAMS
Mar 29, 2023

OFFICE
AJV-A412

DATE
03/22/2022

APPROVED BY

MARK ADAMS *Digitally signed by*
MARK D ADAMS
Mar 29, 2023

OFFICE
AJV-A412

DATE

TITLE
MANAGER

