

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29**

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> KORF	<u>PROCEDURE NAME</u> ILS OR LOC RWY 23	<u>ORIGINAL/AMENDMENT</u> 8A	<u>CITY</u> NORFOLK	<u>STATE</u> VA		
<u>AIRPORT ELEVATION</u> 27	<u>TDZE</u> 26	<u>SUPERSEDED</u> ILS OR LOC RWY 23	<u>ORIGINAL/AMENDMENT</u> 8	<u>DATED</u> 02/01/2018	<u>MAG VAR</u> 9W	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> I-JZQ	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 FEBRUARY 2021	<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>
ORF VORTAC		JHALL INT/I-JZQ 10.67 DME					044.40	11.79	2000
HCM VORTAC	IAF	JHALL INT/I-JZQ 10.67 DME	NOPT				134.00	39.70 (ORF LR-034)	2000
CCV VORTAC	IAF	JHALL INT/I-JZQ 10.67 DME	NOPT				198.16	18.13	2000
JHALL INT/I-JZQ 10.67 DME	IF/IAF	LUFSY/I-JZQ 4.64 DME/RADAR					226.80	6.03 (I-JZQ)	1600

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.80 NM AFTER LUFSY/I-JZQ 4.64 DME/RADAR OR AT I-JZQ 0.16 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 ON ORF VORTAC R-225 TO CALEY/ORF 11.51 DME/RADAR AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 335 AND ON HCM VORTAC R-155 TO HCM VORTAC AND HOLD SE, RT, 335.00 INBOUND.

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NE JHALL, LT, 226.80 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 4000.
3. FAF: 226.80 FAF: LUFSY/I-JZQ 4.64 DME/RADAR DIST FAF TO MAP: 4.80 DIST FAF TO THLD: 4.80
4. MIN ALT: JHALL INT/I-JZQ 10.67 DME 2000, LUFSY/I-JZQ 4.64 DME/RADAR 1600
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 1009
6. MIN GS INCPT: 1600 GS ALT AT FAF: LUFSY/I-JZQ 4.64 DME/RADAR 1600 OM: MM: IM:
7. GP ANGLE: 3.00 34:1: 20:1: TCH: 55.0
8. MSA FROM: ORF VORTAC 360-090 1800, 090-360 2300

QUALITY
42
CHECKED

EQUIPMENT REQUIREMENTS NOTES:

DME OR RADAR REQUIRED.

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CCV VORTAC ON V1 AND V139 NORTHBOUND.

ADDITIONAL FLIGHT DATA:

CHART IN PROFILE VIEW: I-JZQ DME ANTENNA

HOLD SW, RT, 045.20 INBOUND.

CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SE HCM VORTAC, RT, 335.00 INBOUND.

FAS OBST: 200 SHIP 365737N/0760820W.

CHART VDP AT 1.06 DME*

DISTANCE VDP TO THLD 1.22 NM.

*LOC ONLY.

CHART IN PLANVIEW: HCM VORTAC.

CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD - CAT D 900-2 3/4

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
S-ILS 23	226	1/2	200	226	1/2	200	226	1/2	200	226	1/2	200			
S-LOC 23	460	1/2	434	460	1/2	434	460	3/4	434	460	3/4	434			
CIRCLING	480	1	453	540	1	513	540	1 1/2	513	900	2 3/4	873			

CHANGES - REASONS

1. ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CCV VORTAC ON V1 AND V139 NORTHBOUND - 8260.19H, PARA 8-2-5G(2)
2. REMOVED "CHART PLANVIEW NOTE: DME OR RADAR REQUIRED." FROM ADDITIONAL FLIGHT DATA AND ADDED DME OR RADAR TO EQUIPMENT REQUIRMENTS NOTES - 19H 8-6-8, 3,B.
3. ADDED 4000 MAX HOLD IN LIEU ALTITUDE TO PROFILE LINE 2 - 8260.19H, PARA 8-6-7B(2) REQUIRES ADDITION OF MAX HOLD IN LIEU ALTITUDE.
4. REMOVED ILS ENTRY "900-2 3/4" FROM ALTERNATE MINIMUMS- PER 8260.3D, PARA 3-4-1 AND TABLE 3-4-1, S-ILS 23 CEILING AND VISIBILITY DO NOT EXCEED STANDARD PA ALTERNATE MINIMUMS.
5. INCREASED CIRCLING HAA ALL CATS BY 1 FT - AIRPORT ELEVATION CHANGED FROM 27 TO 26.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZDC, ORF ATCT, ORF APP CON, ARPT MGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED

Digitally signed by

JON DENTON

OFFICE

DATE

DEVELOPED BY

WARDELL HENNING (JANTZEN TAYLOR)

Digitally signed by

JON DENTON

Nov 24, 2020

OFFICE

AJV-A432

DATE

09/30/2020

APPROVED BY

LONNIE EVERHART

Digitally signed by

JON DENTON

Nov 24, 2020

OFFICE

AJV-A430

DATE

TITLE
MANAGER