

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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</u> SUFFOLK EXECUTIVE	<u>AIRPORT ID</u> KSFQ	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 4	<u>ORIGINAL/AMENDMENT</u> 4A	<u>CITY</u> SUFFOLK	<u>STATE</u> VA
<u>AIRPORT ELEVATION</u> 70	<u>TDZE</u> 66	<u>SUPERSEDED</u> RNAV (GPS) RWY 4	<u>ORIGINAL/AMENDMENT</u> 4	<u>DATED</u> 03/02/2017	<u>MAG VAR</u> 10W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 8 NOVEMBER 2018	<u>REQUIRED EFFECTIVE DATE</u> 11/08/2018	<u>CANCEL SUSPEND</u>	<u>EPOCH YEAR</u> 1995

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		SUFSO		TF	FB	2.00	220.73	33.84	2000
CVI VORTAC	IAF	OLUCE	NOPT	TF	FB	1.00	053.24	9.57	2000
SUFSO	IAF	OLUCE	NOPT	TF	FB	1.00	310.03	9.99	2000
OLUCE	IF/IAF	ZAXIB		TF	FB	1.00	039.92	7.00	2000
ZAXIB	FAF	SIMLE/1.80 NM TO RW04		TF	FB	0.30	039.96	4.13	
SIMLE/1.80 NM TO RW04		RW04	MAP	TF	FO	0.30	039.96	1.80	
RW04	MAP	600 MSL		CA			039.96		600
600 MSL		OLUCE		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW04

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 600 THEN CLIMBING LEFT TURN TO 2000 DIRECT OLUCE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD SW OLUCE, RT, 039.92 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 039.96 FAF: ZAXIB DIST FAF TO MAP: 5.93 DIST FAF TO THLD: 5.93

4. MIN ALT: OLUCE 2000, ZAXIB 2000, SIMLE/1.80 NM TO RW04 680*

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 256 HAT: 0.66 GS ANT: MM: IM:

6. MIN GP INCPT: 2000 GP ALT AT FAF : ZAXIB 2000 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 45.0

8. MSA FROM: RW04 2300

PBN REQUIREMENTS NOTES:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C OR ABOVE 54C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE (ANGLE)/TCH (FEET)).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON ORF VORTAC AIRWAY RADIALS 216 CW 233.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CVI VORTAC AIRWAY RADIALS 351 CW 086.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.05 NM TO RW04*
*LNAV ONLY
WAAS CHANNEL #65824
REFERENCE PATH ID: W04A
CHART FAS OBST: 179 TREE 363859N/0763656W.
CHART: 486 TOWER 363541N/0764056W.
LTP HAE: -16 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD

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	HAT/HAA
LPV DA	322	7/8	256	322	7/8	256	322	7/8	256	322	7/8	256			
LNAV/VNAV DA	474	1 3/8	408	474	1 3/8	408	474	1 3/8	408	474	1 3/8	408			
LNAV MDA	440	1	374	440	1	374	440	1	374	440	1	374			
CIRCLING	500	1	430	560	1	490	680	1 3/4	610	680	2	610			

CHANGES - REASONS

1. UPDATED VGSI ANGLES NOT COINCIDENT NOTE FROM 3.50/TCH 45 TO 3.00/TCH 39- TO INCORPORATE NOTAM 7/1445.
2. MOVED BARO-VNAV AND VDP NA AND BACK UP ALTIMETER SETTING ADJUSTMENT (NORFOLK INTL) TO THE BACK OF 8260-9 - PER 8260.19H, PARA 8-6-9 (F)3.

8/9/2018: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 04/24/2018:
1. CHANGED PUBLICATION REQUIRED EFFECTIVE DATE FROM ROUTINE TO HARD (11/08/2018).



COORDINATED WITH:

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

FLIGHT CHECKED BY

JORGE A MALCUN

DEVELOPED BY

LONNIE EVERHART (MICHAEL W HARRIS)

APPROVED BY

LONNIE EVERHART

<i>Digitally signed by</i> BEV L BORDY Aug 24, 2018	<u>OFFICE</u> FICO	<u>DATE</u> 8/5/18	
<i>Digitally signed by</i> BEV L BORDY Aug 24, 2018	<u>OFFICE</u> AJV-5400	<u>DATE</u> 4/24/2018	
<i>Digitally signed by</i> BEV L BORDY Aug 24, 2018	<u>OFFICE</u> AJV-5400	<u>DATE</u>	<u>TITLE</u> MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSFQ
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	364034.1190N
LTP/FTP LONGITUDE	0763608.7510W
LTP/FTP ELLIPSOIDAL HEIGHT	-00016
FPAP LATITUDE	364151.3810N
FPAP LONGITUDE	0763513.3545W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	5139AE2B
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00202
FPAP ORTHOMETRIC HEIGHT	+00202

