

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SUPERSEDED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>	<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		SUFSS		TF	FB	2.00	220.73	33.84	2000
CVI VORTAC	IAF	OLUCE	NOPT	TF	FB	1.00	053.24	9.57	2000
SUFSS	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:

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).



<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>COORDINATED WITH:</u>					
A4A <input type="checkbox"/> ALPA <input checked="" type="checkbox"/> AOPA <input checked="" type="checkbox"/> APA <input type="checkbox"/> HAI <input type="checkbox"/> NBAA <input checked="" type="checkbox"/> <u>OTHER:</u> ORF APP CON, ZDC, AMGR					
<u>FLIGHT CHECKED BY</u> JORGE A MALCUN			<u>OFFICE</u> FICO	<u>DATE</u> 8/5/18	
<u>DEVELOPED BY</u> LONNIE EVERHART (MICHAEL W HARRIS)			<u>OFFICE</u> AJV-5400	<u>DATE</u> 4/24/2018	
<u>APPROVED BY</u> LONNIE EVERHART			<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



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
SUFFOLK EXECUTIVE	KSFQ	RNAV (GPS) RWY 4	4A	SUFFOLK	VA	70	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM ORF VORTAC TO SUFSO

RNP DISTANCE PAT MAP HAT HMAS
33.84

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
1.TOWER (51-000431)	365006.00N/0761610.00W	555	50	3	2A	1000				AT445	2000
2.TERRAIN	362227.00N/0763245.00W	284 (300)								AS1500	1800

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT
REMARKS:

INITIAL

FROM CVI VORTAC TO OLUCE

RNP DISTANCE PAT MAP HAT HMAS
9.57

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
3.AAO	363021.00N/0764536.00W	273	250	125	4E	1000				AT727	2000
4.TERRAIN	363021.00N/0764536.00W	73 (100)								AS1500	1600

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT
REMARKS:



INITIAL

FROM

SUFSO

TO

OLUCE

RNP	DISTANCE	PAT	MAP	HAT	HMAS							
	9.99											
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT	
5.TOWER (37-001720)	362700.00N/0763555.00W	453	50	20	2C	1000				AT547	2000	
6.TERRAIN	363012.00N/0764330.00W	73 (100)								AS1500	1600	

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT
REMARKS:

INTERMEDIATE

FROM

OLUCE (IF/IAF)

TO

ZAXIB

RNP	DISTANCE	PAT	MAP	HAT	HMAS							
	7.00											
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT	
7.TOWER (51-001066)	363541.00N/0764056.00W	486	100	20	3C	500				AT1014	2000	
8.TERRAIN	363127.00N/0764306.00W	86 (100)								AS1500	1600	

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT
REMARKS:



FINAL: LPV

FROM

ZAXIB

TO

DA

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	5.93		DA	256								
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
9.TREE (KSFQT1799)	364017.63N/0763628.21W		140	20	3	1A		34:1			MA6	322

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT
REMARKS:

FINAL: LNAV/VNAV

FROM

ZAXIB

TO

DA

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	5.32		DA	408								
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
10.TREE	363957.00N/0763718.00W		174	50	20	2C		23.43:1			AC20	474

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT
REMARKS:



FINAL: LNAV

FROM

ZAXIB

TO

SIMLE/1.80 NM TO RW04

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	4.13											
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
11.AAO	363635.84N/0763950.98W		284	50	20	2C	250				RA60 DG86	680

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT
REMARKS:

FINAL: LNAV STEPDOWN

FROM

SIMLE/1.80 NM TO RW04

TO

RW04

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	1.80		RW04	374								
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
12.TREE (KSFQT0827)	363859.37N/0763656.41W		179	20	3	1A	250					440

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT
REMARKS:



HOLD-IN-LIEU OF PT

FROM

OLUCE

TO

P-4

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
		P-4										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>	
13.TOWER (37-020104)	362612.18N/0764324.88W	434	250	50	4D	1000					1500	
14.TERRAIN	363121.00N/0764757.00W	86 (100)								AS1500	1600	

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT
REMARKS:

MISSED APPROACH : LPV

FROM

DA

TO

OLUCE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
133												
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
15.TREE (KSFQT1732)	364019.84N/0763611.25W		117	20	3	1A		ASC				2000
16.TOWER (51-000959)	364406.20N/0763906.20W		568	50	20	2C	1000					1600
17.TERRAIN	363606.00N/0764627.00W		89 (100)								AS1500	1600

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT
REMARKS:



MISSED APPROACH : LNAV/VNAV

FROM

DA

TO

OLUCE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
								324			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				2000
16.TOWER (51-000959)	364406.20N/0763906.20W	568	50	20	2C	1000					1600
17.TERRAIN	363606.00N/0764627.00W	89 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT
REMARKS:

MISSED APPROACH : LNAV

FROM

RW04

TO

OLUCE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
							340				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				2000
16.TOWER (51-000959)	364406.20N/0763906.20W	568	50	20	2C	1000					1600
17.TERRAIN	363606.00N/0764627.00W	89 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT
REMARKS:



AIRPORT

SUFFOLK EXECUTIVE

AIRPORT ID

KSFQ

PROCEDURE NAME

RNAV (GPS) RWY 4

AMDT NO.

4A

CITY

SUFFOLK

STATE

VA

AIRPORT ELEVATION

70

FACILITY

RNAV

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
18.TREE (51-042620)	364139.66N/0763655.47W	1.30	430	190	20	10	1B	300			500
CATEGORY B											
19.TOWER (51-020144)	364237.19N/0763518.22W	1.81	490	241	20	3	1A	300			560
CATEGORY C											
20.TOWER (51-022626)	364359.87N/0763520.93W	2.84	610	373	20	3	1A	300			680
CATEGORY D											
20.TOWER (51-022626)	364359.87N/0763520.93W	3.71	610	373	20	3	1A	300			680

CIRCLING REMARKS:

MSA

CENTER

RW04

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (51-001802)	364831.78N/0763011.30W	041	05.6	1282	20	3	1A	1000			2300

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

LPV SURFACE: 34:1
LNAV/VNAV SURFACE: 23.43:1
AVERAGE COLD TEMPERATURE BASED ON STANDARD -30C ISA DEVIATION (ACT -15C). HISTORICAL TEMPERATURE DATA NOT AVAILABLE.
CRITICAL TEMPERATURES:
CRITICAL LOW: -15C (2F)
CRITICAL HIGH: 54C (130F)
APT ISA: +14.86C
DELTA ISA LOW: -29.86C
ACT: -15C
CRITICAL LOW TEMP BASED ON ACT.
DESCENT RATE: STANDARD TEMP 818 / HIGH TEMP 1109
TEMPERATURE LIMITS, DELTA ISA LOW, AND DESCENT VALUES DERIVED FROM AFS-400 CALCULATOR.

100 FEET VEGETATION HEIGHT USED PER FPT.

TAA NOT DEVELOPED PER ATC AND FPT REQUEST.

HOLD-IN-LIEU RETAINED PER ATC FUNCTION.

MISSED APPROACH UTILIZES 25 DEGREE BANK ANGLE WHICH AVOIDS TOWERS NW OF THE AIRPORT.

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

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QUALITY
4
CHECKED

<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
SUFFOLK EXECUTIVE	KSFQ	RNAV (GPS) RWY 4	4A	SUFFOLK	VA	70	RNAV

TCH 45 FEET OPTIMUM FOR CAT D.
ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ORF APP CON, DCA FSS, ZDC ARTCC

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>
AWOS-3	KSFQ	24	KSFQ	0	Y	0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>
ASOS-3	KORF	24	KORF	23.03	Y	60

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
KSFQ 70.1, KORF 26.7
RA = 59.01.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW07 - MIRL (PCL)		NPI-F	
RW25 - MIRL (PCL)		NPI-F	
RW04 - HIRL (PCL), REIL (PCL), PAPI-4L		NPI-G	
RW22 - HIRL (PCL), REIL (PCL), PAPI-4L		NPI-G	

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
3.00	66.3	45.0			3.00	38.6

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
SUFFOLK EXECUTIVE	KSFQ	RNAV (GPS) RWY 4	4A	SUFFOLK	VA	70	RNAV

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 RASS PRESSURE PATTERNS THE SAME
 KSFQ 70.1, KORF 26.7
 RA = 59.01.
 ORDER 8260.3 CHAPTER 2 APPLIED TO 486 TOWER 363541N/0764056W.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NORFOLK INTL ALTIMETER SETTING AND INCREASE LPV DA TO 382, LNAV/VNAV DA TO 534 AND ALL MDA 60 FEET; INCREASE LPV ALL CATS VISIBILITY 1/8 SM AND INCREASE LNAV/VNAV ALL CATS AND LNAV CAT C AND D VISIBILITY 1/4 SM.
 CHART NOTE: BARO-VNAV AND VDP NA WHEN USING NORFOLK INTL ALTIMETER SETTING.



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
SUFFOLK EXECUTIVE	KSFQ	RNAV (GPS) RWY 4	4A	SUFFOLK	VA	70	RNAV

PART D: AIRSPACE
DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	2.93
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	029.96
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	84
DISTANCE FROM	THLD	TO 1500FT POINT	5.13
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.76
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	029.96
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	84

**THRESHOLD
COORDINATES
(IF STR-IN)**

ARP COORDINATES 364058.40N/0763558.64W

**RUNWAY APCH END
AND DIST FURTHEST
FROM ARP** RUNWAY 4 DISTANCE 0.43 NM

**FAF
COORDINATES** 363525.47N/0763949.69W

**FIX NAME
COORDINATES**

REMARKS
NO ADDITIONAL AIRSPACE REQUIRED.



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
SUFFOLK EXECUTIVE	KSFQ	RNAV (GPS) RWY 4	4A	SUFFOLK	VA	70	RNAV

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
LONNIE EVERHART (MICHAEL W HARRIS)	AJV-5400		AERONAUTICAL INFORMATION SPECIALIST

