Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 03/29/2012	Task #: 2012032925340501004	Request #: 20120329253405
Procedure: RNAV (GPS) RWY 25 AMDT 1		Airport ID: KSFQ	Airport: SUFFOLK EXECUTIVE		Reimbursable #:
City: SUFFOLK	ST: VA	GPS #:		Estimated Chart Date: 12/13/2012	FICO #:
Fac ID:	Fac. Type: LNAV	Specialist: ROSE BOONE			

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	04/16/2012	09/07/2012	STEVEN SZUKALA	
QA:	09/07/2012	09/07/2012	STEVEN SZUKALA	
Liaison:	09/07/2012		Spurlin	

Procedure Comments:

Remark Type: INFORMATION

pkg 3 of 5

SUFFOLK, VA SUFFOLK EXECUTIVE (KSFQ) RNAV (GPS) RWY 25, AMDT 1 (LNAV) ENROUTE-NO FC: 10.30.12 PUB: 12.13.12

ATTACHED FORMS: 8260-3; 8260-10; 8260-9; 8260-2(S): LALSE, REV 3; WOVTI, REV 1; ZOTID, REV 1; (INFO ONLY) FRANKLIN (FKN) VTAC, REV 15; NORFOLK (ORF) VTAC, REV 5.

CONTACT: DON SMITH/MARLON ROBINSON-AJV-352 LEADS, 405.954.1036 / 405.954.3636.

RNAV (GPS) RWY 25

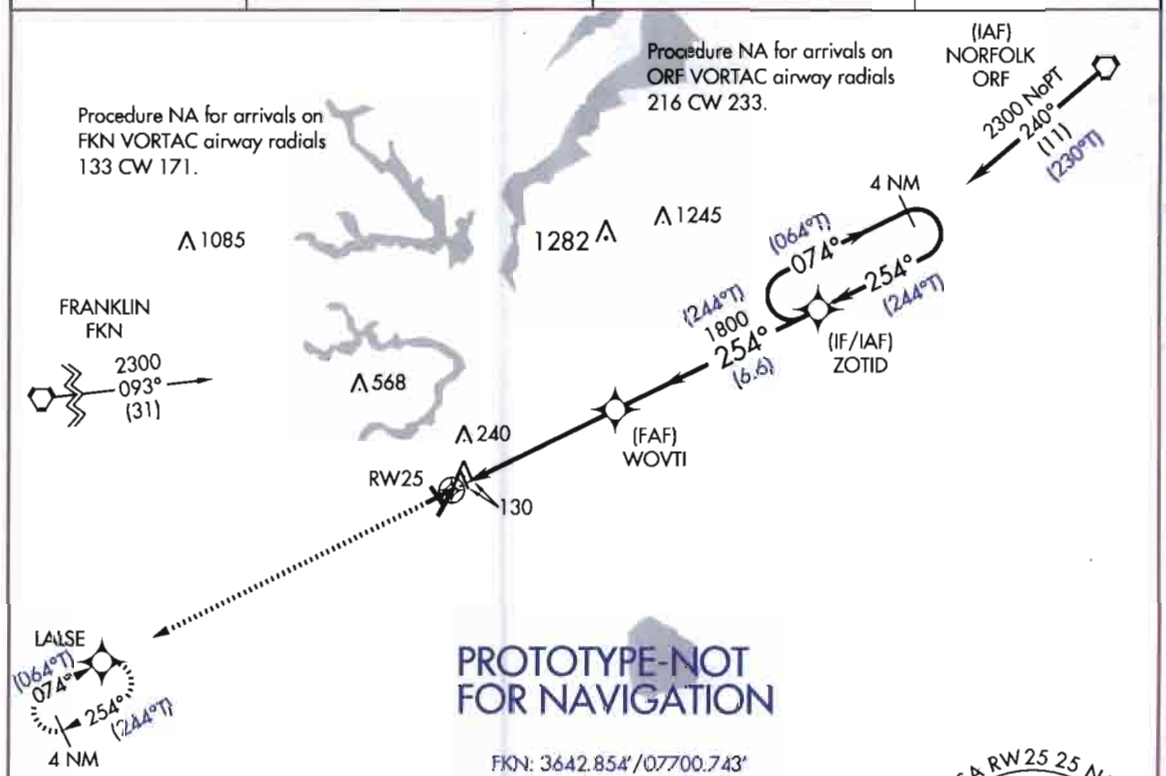
SUFFOLK EXECUTIVE (SFQ)

APP CRS	Rwy Idg	4706
254°	THRE	67
	Apt Elev	70

DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Circling Rwy 7 NA at night. When VGSI inop Circling to Rwy 4,22 NA at night. ~~Rwy~~ Straight-in and Circling Rwy 25 NA at night. When local altimeter setting not received, use Norfolk Intl altimeter setting and increase all MDA 60 feet.

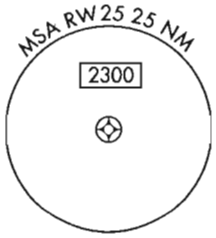
MISSED APPROACH: Climb to 2000 direct LALSE and hold.

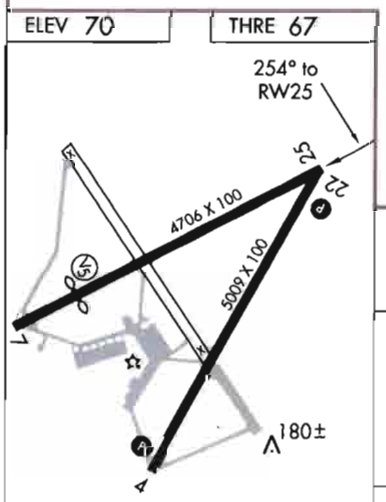
AWOS-3	NORFOLK APP CON	GCO	UNICOM
119.375	127.9 269.42	135.075	122.7 (CTAF) L

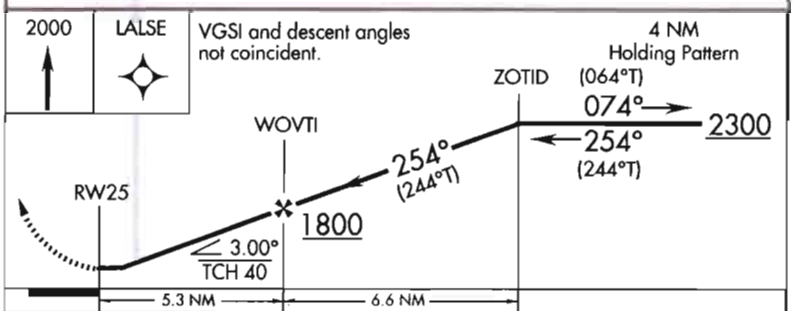


PROTOTYPE-NOT FOR NAVIGATION

FKN: 3642.854'/07700.743'
ORF: 3653.514'/07612.020'
LALSE: 3636.129'/07648.370'
WOVTI: 3643.534'/07629.823'
ZOTID: 3646.444'/07622.488'
RW25: 3641.174'/07635.751'

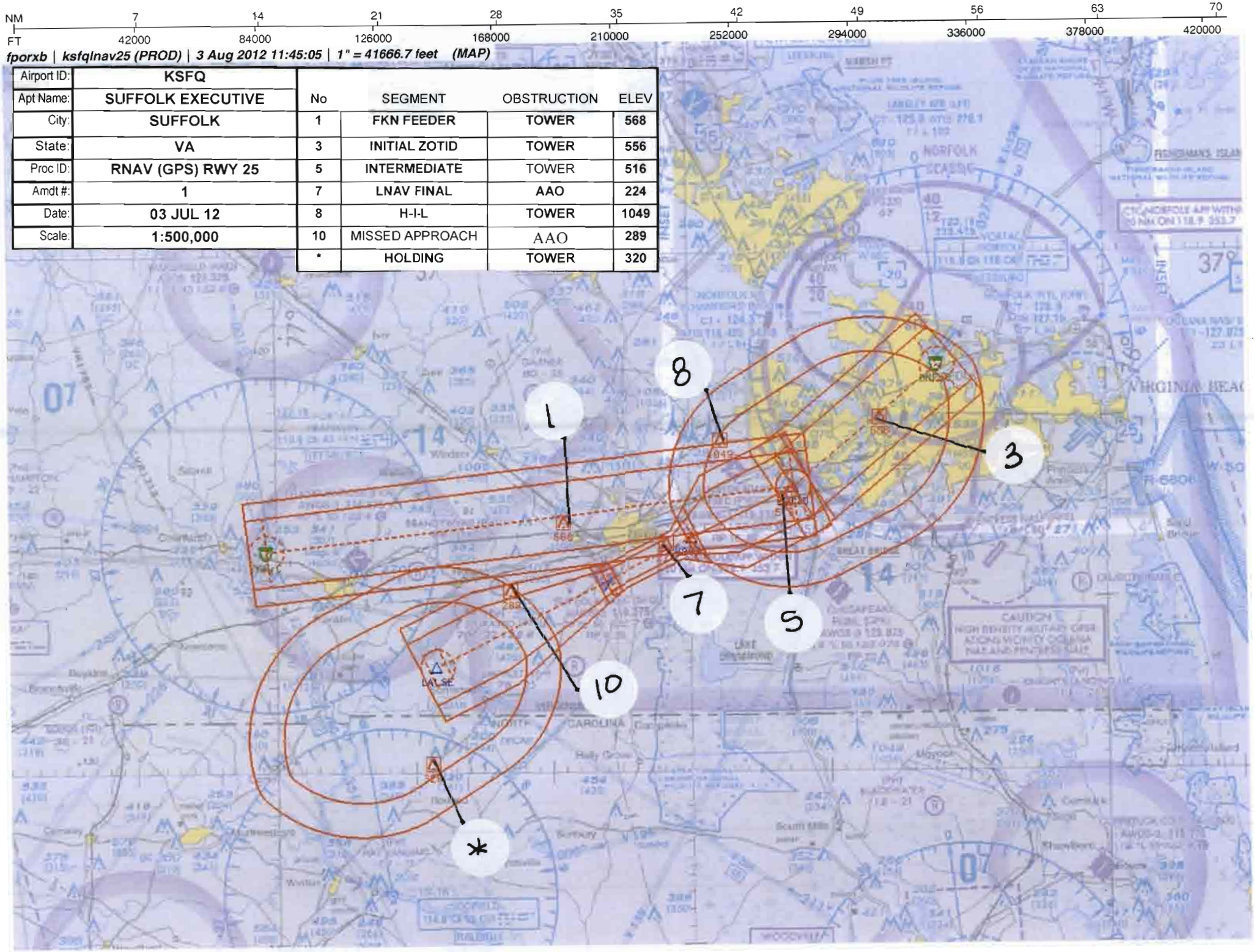


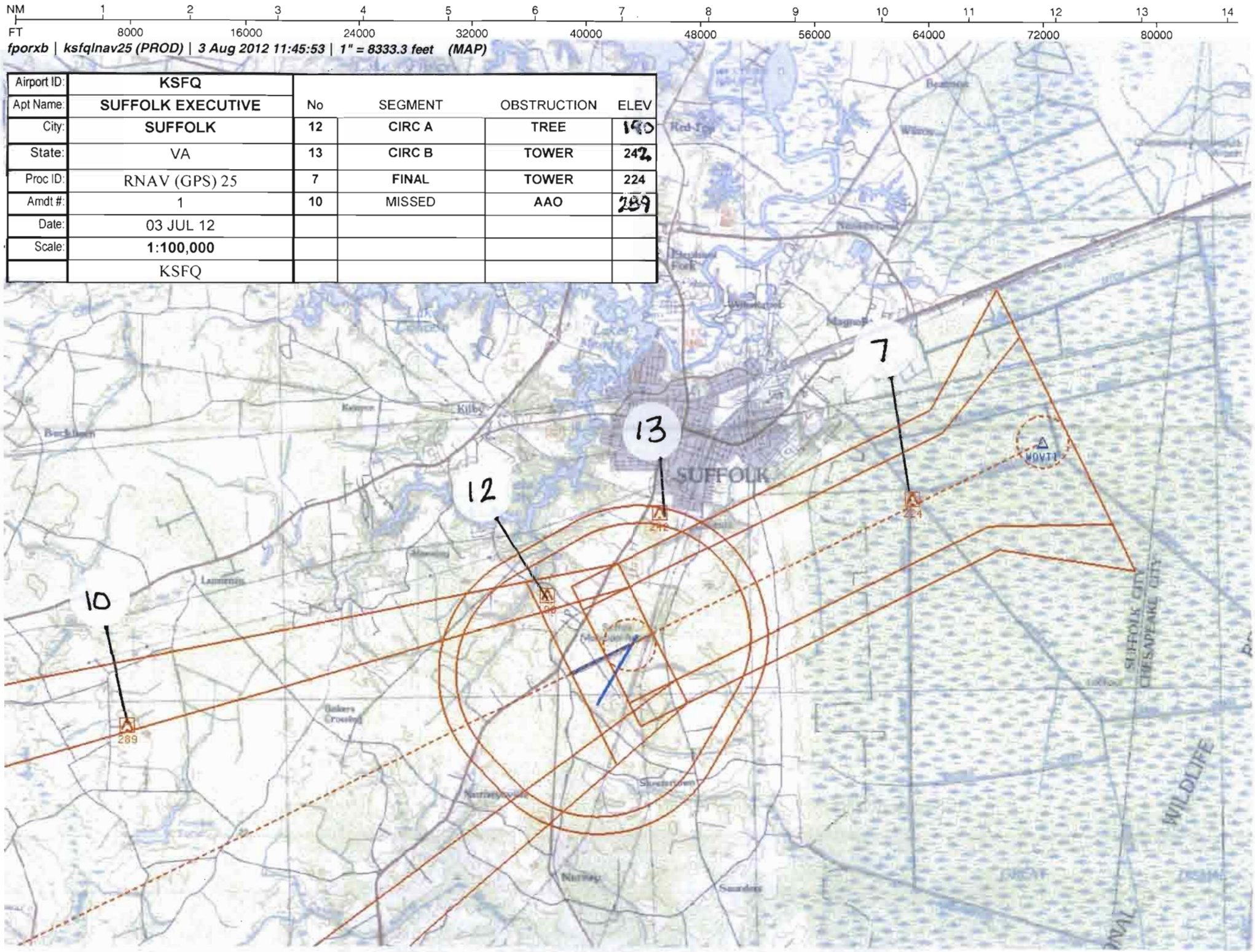




CATEGORY	A	B	C	D
LNAV MDA	480-1	413 (500-1)	NA	
CIRCLING	500-1 430 (500-1)	560-1 490 (500-1)	NA	

REIL Rwys 4 and 22 L
HIRL Rwy 4-22 L
MIRL Rwy 7-25 L


NM 7 14 21 28 35 42 49 56 63 70
FT 42000 84000 126000 168000 210000 252000 294000 336000 378000 420000
fporxb | ksfqlnav25 (PROD) | 3 Aug 2012 11:45:05 | 1" = 41666.7 feet (MAP)
Airport ID: KSFQ
Apt Name: SUFFOLK EXECUTIVE
City: SUFFOLK
State: VA
Proc ID: RNAV (GPS) RWY 25
Amdt #: 1
Date: 03 JUL 12
Scale: 1:500,000
No SEGMENT OBSTRUCTION ELEV
1 FKN FEEDER TOWER 568
3 INITIAL ZOTID TOWER 556
5 INTERMEDIATE TOWER 516
7 LNAV FINAL AAO 224
8 H-I-L TOWER 1049
10 MISSED APPROACH AAO 289
* HOLDING TOWER 320
1
8
3
7
5
10
*



Airport ID:	KSFQ				
Apt Name:	SUFFOLK EXECUTIVE	No	SEGMENT	OBSTRUCTION	ELEV
City:	SUFFOLK	12	CIRC A	TREE	190
State:	VA	13	CIRC B	TOWER	242
Proc ID:	RNAV (GPS) 25	7	FINAL	TOWER	224
Amdt #:	1	10	MISSED	AAO	289
Date:	03 JUL 12				
Scale:	1:100,000				
	KSFQ				

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FKN VORTAC	ZOTID (FO)	093.16 / 30.95	2300
ORF VORTAC (IAF)	ZOTID (NOPT) (FB)	240.02 / 10.98	2300
ZOTID (IF/IAF)	WOVTI (FB)	253.78 / 6.57	1800
WOVTI (FAF)	RW25 (MAP) (FO)	253.73 / 5.32	
RW25 (MAP)	470 MSL	253.73	
470 MSL	LALSE (FO)		2000

MISSED APPROACH

LNAV: RW25

CLIMB TO 2000 DIRECT LALSE AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 073.56 INBOUND.
FAS OBST: 224 AAO 364247N/0763141W.
WOVTI TO RW25: 3.00/40

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD E ZOTID, RT, 253.78 INBOUND, 2300 FT. IN LIEU OF PT (IAF)
3. FAC: 253.73 FAF: WOVTI DIST FAF TO MAP: 5.32 THLD: 5.32
4. MIN. ALT: ZOTID 2300, WOVTI 1800
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: RW25 2300

MAG VAR: 10W EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	480	1	413	480	1	413		NA			NA				
CIRCLING	500	1	430	560	1	490		NA			NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON ORF VORTAC AIRWAY RADIALS 216 CW 233.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON FKN VORTAC AIRWAY RADIALS 133 CW 171.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 70 THRE: 67 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SUFFOLK, VA	SUFFOLK EXECUTIVE	RNAV	RNAV (GPS) RWY 25, AMDT 1	AMDT: ORIG
				DATED 08/25/2011

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		**ROUTINE**

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[ ]	[ ]	[X]	[ ]	[X]	[X]	[X] **ZDC, ORF APP CON, AMGR**

FLIGHT CHECKED BY

NAME:	FIFO	DATE:

DEVELOPED BY

NAME:	FIFO	DATE:
DONALD E. SMITH (ROSE BOONE)	**AJV-352**	**08/01/2012**

APPROVED BY

NAME:		FIFO	DATE:
DARRYEL ADAMS	**MANAGER**	**AJV-352**	

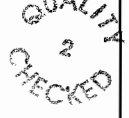
CHANGES:

1. ADDED NIGHT CIRCLING CHART NOTES FOR RWY 4, 22.
2. CHANGED CRS/DIST FROM FKN TO ZOTID FROM 093.17/30.96 TO 093.16/30.95.
3. CHANGED CRS/DIST FROM ORF TO ZOTID FROM 239.98/10.97 TO 240.02/10.98.
4. CHANGED CRS/DIST FROM ZOTID TO WOVTI FROM 253.82/6.68 TO 253.78/6.57.
5. CHANGED FINAL COURSE FROM 253.75 TO 253.73.
6. REMOVED LP.

REASONS:

1. 20:1 PENETRATIONS.
2-4. REALIGNED ZOTID DUE TO NEW THRESHOLD LOCATION.
5. NEW THRESHOLD COORDINATES.
6. UNABLE TO GAIN REQUIRED 20 REDUCTION.

PDF EDITS: ADDED (FAF) TO WOVTI IN TERMINAL ROUTES FROM COLUMN, CHANGED MISSED ALTITUDE FROM 470 TO 2000 IN TERMINAL TOUTES ALTITUDE COLUMN, REMOVED GS ANGLE AND TCH FROM LINE 7.



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):
CHART NOTE: CIRCLING TO RWY 7 NA AT NIGHT.
CHART NOTE: WHEN VGSI INOP, CIRCLING TO RWY 4, 22 NA AT NIGHT.
CHART NOTE: STRAIGHT-IN AND CIRCLING RWY 25 PROCEDURE NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NORFOLK INTL ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 70 THRE: 67	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SUFFOLK, VA	AIRPORT NAME: SUFFOLK EXECUTIVE	RNAV	RNAV (GPS) RWY 25, AMDT 1	AMDT: ORIG
				DATED: 08/25/2011

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) _____

FLIGHT CHECKED BY

NAME:	FIFO	DATE:

DEVELOPED BY

NAME:	FIFO	DATE:

APPROVED BY

NAME:	FIFO	DATE:

CHANGES:

REASONS:

QUALITY CHECKED

Bearings, headings, courses, 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 in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAD        FKN   K6011060VTL  N36425125W077004456    N36425125W077004456W0090000841     NARFRANKLIN
        SUSAD        ORF   K6011690VTH  N36533084W076120117    N36533084W076120117W0070000202     NARNORFOLK

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   LALSE K60    W     N36360775W076482219                    W0104     NAR           LALSE
        SUSAEAENRT   WOVTI K60    W     N36433196W076294936                    W0106     NAR           WOVTI
        SUSAEAENRT   ZOTID K60    W     N36462664W076222925                    W0107     NAR           ZOTID

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSFQK6ASFQ     0     050YHN36405780W076360190W010000070         1800018000C    MNAR    SUFFOLK EXECUTIVE

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSFQK6FR25   AFKN   010FKN  K6D 0V      IF                                          18000                B JS
        SUSAP KSFQK6FR25   AFKN   020ZOTIDK6EA0EY   020TF                  09320310    + 02300                        B JS
        SUSAP KSFQK6FR25   AFKN   030ZOTIDK6EA0EE AR   HF                  25380040    + 02300                        B JS
        SUSAP KSFQK6FR25   AORF   010ORF  K6D 0V  A    IF                                          18000                B JS
        SUSAP KSFQK6FR25   AORF   020ZOTIDK6EA0EE B 010TF                  24000110    + 02300                        B JS
        SUSAP KSFQK6FR25   R      010ZOTIDK6EA0E  I    IF                              + 02300     18000                B JS
        SUSAP KSFQK6FR25   R      020WOVTIK6EA1E  F 051TF                  25380066    + 01800                RW25  K6PGB JS
        SUSAP KSFQK6FR25   R      020WOVTIK6EA2WN          N          ALNAV                                            JS
        SUSAP KSFQK6FR25   R      030RW25 K6PG0GY M 031TF                  25370053      00107          -300           B JS
        SUSAP KSFQK6FR25   R      040         0  M     CA                  2537        + 00470                        B JS
        SUSAP KSFQK6FR25   R      050LALSEK6EA0EY      DF                              + 02000                        B JS
        SUSAP KSFQK6FR25   R      060LALSEK6EA0EE  R   HM                  07360040    + 02000                        B JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSFQK6GRW25    0047062537 N36411042W076354503+0100     -0015800067000040100R

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSFQK6SRW25 K6PG              0   18018002325                                                              M
```

CITY AND STATE	ELEVATION: 70 THRE: 67	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SUFFOLK, VA	AIRPORT NAME: **SUFFOLK EXECUTIVE**	**RNAV**	**RNAV (GPS) RWY 25, AMDT 1**	AMDT: **ORIG**
				DATED: **08/25/2011**

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAD        FKN   K6011060VTL  N36425125W077004456    N36425125W077004456W0090000841     NARFRANKLIN
        SUSAD        ORF   K6011690VTH  N36533084W076120117    N36533084W076120117W0070000202     NARNORFOLK

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   LALSE K60    W     N36360775W076482219                    W0104     NAR           LALSE
        SUSAEAENRT   WOVTI K60    W     N36433196W076294936                    W0106     NAR           WOVTI
        SUSAEAENRT   ZOTID K60    W     N36462664W076222925                    W0107     NAR           ZOTID

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSFQK6ASFQ     0     050YHN36405780W076360190W010000070         1800018000C    MNAR    SUFFOLK EXECUTIVE

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSFQK6FR25   AFKN   010FKN  K6D 0V      IF                                          18000                B JS
        SUSAP KSFQK6FR25   AFKN   020ZOTIDK6EA0EY   020TF                  09320310    + 02300                        B JS
        SUSAP KSFQK6FR25   AFKN   030ZOTIDK6EA0EE AR   HF                  25380040    + 02300                        B JS
        SUSAP KSFQK6FR25   AORF   010ORF  K6D 0V  A    IF                                          18000                B JS
        SUSAP KSFQK6FR25   AORF   020ZOTIDK6EA0EE B 010TF                  24000110    + 02300                        B JS
        SUSAP KSFQK6FR25   R      010ZOTIDK6EA0E  I    IF                              + 02300     18000                B JS
        SUSAP KSFQK6FR25   R      020WOVTIK6EA1E  F 051TF                  25380066    + 01800                RW25  K6PGB JS
        SUSAP KSFQK6FR25   R      020WOVTIK6EA2WN          N          ALNAV                                            JS
        SUSAP KSFQK6FR25   R      030RW25 K6PG0GY M 031TF                  25370053      00107          -300           B JS
        SUSAP KSFQK6FR25   R      040         0  M     CA                  2537        + 00470                        B JS
        SUSAP KSFQK6FR25   R      050LALSEK6EA0EY      DF                              + 02000                        B JS
        SUSAP KSFQK6FR25   R      060LALSEK6EA0EE  R   HM                  07360040    + 02000                        B JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSFQK6GRW25    0047062537 N36411042W076354503+0100     -0015800067000040100R

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSFQK6SRW25 K6PG              0   18018002325                                                              M
```

CITY AND STATE	ELEVATION: 70 THRE: 67	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SUFFOLK, VA	AIRPORT NAME: **SUFFOLK EXECUTIVE**	**RNAV**	**RNAV (GPS) RWY 25, AMDT 1**	AMDT: **ORIG**
				DATED: **08/25/2011**

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER ☐ (specify) _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	FKN	FKN	010		IF		FB					
	FKN	ZOTID	020		TF		FO	2.0	093.2(083.2T)	031.0	AA 02300	
	FKN	ZOTID	030	IAF	HF	R	FO		253.8(243.8T)	004.0	AA 02300	
	ORF	ORF	010	IAF	IF		FB					
	ORF	ZOTID	020		TF		FB	1.0	240.0(230.0T)	011.0	AA 02300	
		ZOTID	010	FACF	IF		FB				AA 02300	
		WOVTI	020	FAF	TF		FB	0.5	253.8(243.8T)	006.6	AA 01800	
		RW25	030	MAP	TF		FO	0.3	253.7(243.7T)	005.3	AT 00107	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		253.7(243.7T)		AA 00470	
	LALSE	050		DF		FO				AA 02000	
	LALSE	060		HM	R	FO		073.6(063.6T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FKN	N364251.25	W0770044.56	N3642.854	W07700.743
	ORF	N365330.84	W0761201.17	N3653.514	W07612.020
	LALSE	N363607.75	W0764822.19	N3636.129	W07648.370
	WOVTI	N364331.96	W0762949.36	N3643.533	W07629.823
	ZOTID	N364626.64	W0762229.25	N3646.444	W07622.488
	RW25	N364110.42	W0763545.03	N3641.174	W07635.751

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW25	00067	40

CITY AND STATE	ELEVATION: 70 THRE: 67	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SUFFOLK, VA	AIRPORT NAME: SUFFOLK EXECUTIVE	RNAV	RNAV (GPS) RWY 25, AMDT 1	AMDT: ORIG
				DATED: 08/25/2011

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FEEDER	FKN VORTAC	ZOTID	1. TOWER (51-000959)	364406.20N/0763906.20W	568 (2C)	1000	AT732	2300
			2. TERRAIN	364543.70N/0764647.30W	94 (100)		AS1500	1600
INITIAL	ORF VORTAC	ZOTID	3. TOWER (51-000431)	365006.00N/0761610.00W	556 (2A)	1000	AT744	2300
			4. TERRAIN	365136.00N/0761253.00W	40 (0)		AS1500	1500
INTERMEDIATE	ZOTID (IF/IAF)	WOVTI	5. TOWER (51-000205)	364520.00N/0762306.00W	516 (5D)	500	AT784	1800
			6. TERRAIN	364603.98N/0762755.39W	27 (0)		AS1500	1500
FINAL: LNAV	WOVTI	RW25	7. AAO	364247.25N/0763141.12W	224 (2C)	250		480
2. HOLD-IN-LIEU-OF-PT	ZOTID	P-5	8. TOWER (51-000366)	364845.00N/0762743.00W	1049 (3C)	1000	AT251	2300
			9. TERRAIN	365220.00N/0761750.00W	69 (100)		AS1500	1600
3. MISSED APPROACH MAP:	RW25	LALSE				ASC		2000
			10. AAO	364003.00N/0764303.00W	289 (4E)	1000		1300
ELEV:	380		11. TERRAIN	364003.00N/0764303.00W	89 (100)		AS1500	1600

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT.								
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL	430	12. TREE (KSFQT2960)	364139.66N/0763655.47W	190 (1B)	300	500
CATEGORY B	1.5 NM		450		490	13. COM TWR	364237.18N/0763518.25W	242 (1A)	300	560
CATEGORY C	1.7 NM		450							
CATEGORY D	2.3 NM		550							
CATEGORY E	4.5 NM		550							

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: **RW25**

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (51-001802)	041/ 08.6	1282 (1A)	2300					

QUALITY CHECKED

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
SUFFOLK, VA	ELEVATION: 70 AIRPORT NAME: SUFFOLK EXECUTIVE	RNAV	RNAV (GPS) RWY 25, AMDT 1	AEA

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
ZDC ARTCC DCA FSS ORF APP CON	N W S / OTHER: AWOS-3 F A A A / C	SOURCE: KSFQ / KORF DISTANCE: 0 / 23.06 HOURS REMOTE OPERATION: 24 / BACKUP
SATISFACTORY ON:		
X V H F X U H F H F	LOCATION:	ADJUSTMENT: 0 / 60

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN: CAT 1	
	HRS OPTN: CAT 3	
5. APPROACH & RUNWAY LIGHTING		ALS
		(S) SALS
		MALS
	X	HIRL 22 (PCL), 04 (PCL)
		MIRL
	X	REIL 22 (PCL), 04 (PCL)
		TDZ
		C/LINE
	X	OTHER (SPECIFY) PAPI-4L 22 (PCL), 04 (PCL)

6. RUNWAY MARKINGS	BASIC	BSC-G 22
	ALL WEATHER	
	INSTRUMENT	NPI-G 04
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE:	ELEV RWY THRESHOLD:
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT:

9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	X	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: DONALD E. SMITH (ROSE BOONE)	DATE: 08/01/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

VDP NOT ESTABLISHED - OBSTACLES PENETRATE 20:1.

PARA 251, 20:1 PENETRATION.

PARA 251, 34:1 PENETRATION.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

100 FT VEGETATION USED.

LPV, LNAV/VNAV DUE TO GQS PENETRATIONS.
TAA NOT DEVELOPED PER FPT REQUEST.

ORDER 8260.3, VOLUME 1, "VISUAL PORTION OF FINAL" PENETRATIONS:
R25 20:1
103 TREE (KSFQT0128) 364113.63N-0763534.49W (0.55)
100 TREE (KSFQT0145) 364112.30N-0763534.85W (1.84)
93 TREE (KSFQT0171) 364111.24N-0763537.00W (5.06)
115 TREE (KSFQT1468) 364113.65N-0763531.34W (1.01)
110 TREE (KSFQT1478) 364113.37N-0763533.79W (5.58)
103 TREE (KSFQT1481) 364113.74N-0763535.16W (2.74)
103 TREE (KSFQT1486) 364112.13N-0763533.85W (1.57)
106 TREE (KSFQT1487) 364112.58N-0763535.06W (7.98)
94 TREE (KSFQT1494) 364112.13N-0763536.44W (2.02)
97 TREE (KSFQT1500) 364111.25N-0763535.84W (4.81)

25 34:1
121 TREE (KSFQT1467) 364112.53N/0763528.31W (21.41)
134 TREE (KSFQT0060) 364114.99N/0763523.67W (21.21)
127 TREE (KSFQT0056) 364117.12N/0763527.83W (20.33)
127 TREE (KSFQT1908) 364117.16N/0763527.81W (20.24)
130 TREE (KSFQT1903) 364114.53N/0763524.36W (19.30)
116 TREE (KSFQT1459) 364114.83N/0763531.03W (19.22)
129 TREE (KSFQT0071) 364114.67N/0763524.73W (18.91)
127 TREE (KSFQT2689) 364113.74N/0763525.06W (18.84)
125 TREE (KSFQT2676) 364112.83N/0763525.38W (18.73)
134 TREE (KSFQT2736) 364113.12N/0763521.23W (18.44)
131 TREE (KSFQT1909) 364115.32N/0763523.68W (17.80)
120 T-L TWR (51-020162) 364113.02N/0763527.36W (17.73)
130 T-L TWR (51-020161) 364117.70N/0763525.50W (17.57)
112 TREE (KSFQT0117) 364114.02N/0763531.59W (17.49)
121 TREE (KSFQT1901) 364116.22N/0763528.73W (17.45)
118 TREE (KSFQT1461) 364113.27N/0763528.28W (17.37)
125 TREE (KSFQT0085) 364113.74N/0763525.07W (16.86)
131 TREE (KSFQT2734) 364114.87N/0763522.90W (16.72)
120 TREE (KSFQT0075) 364116.12N/0763528.64W (16.39)
117 TREE (KSFQT1454) 364114.97N/0763529.27W (16.26)
122 TREE (KSFQT1938) 364121.95N/0763531.21W (16.22)
107 TREE (KSFQT1480) 364112.43N/0763532.35W (16.22)
113 TREE (KSFQT0105) 364114.83N/0763530.92W (15.98)
106 TREE (KSFQT1471) 364114.22N/0763533.55W (15.43)
130 TREE (KSFQT1962) 364121.61N/0763526.50W (14.56)
120 TREE (KSFQT1899) 364115.44N/0763527.32W (14.45)
109 TREE (KSFQT1462) 364114.92N/0763532.10W (14.40)
113 TREE (KSFQT1896) 364117.37N/0763531.73W (14.37)
113 TREE (KSFQT0106) 364114.07N/0763529.70W (14.37)
128 TREE (KSFQT1971) 364123.42N/0763528.17W (13.75)
126 TREE (KSFQT1924) 364118.39N/0763525.96W (13.64)
131 TREE (KSFQT1972) 364122.54N/0763526.15W (13.58)
116 TREE (KSFQT0061) 364117.98N/0763530.22W (13.33)
118 TREE (KSFQT0052) 364118.37N/0763529.52W (13.31)
124 TREE (KSFQT0044) 364117.81N/0763526.34W (13.22)
118 TREE (KSFQT1914) 364118.68N/0763529.41W (12.67)
136 TREE (KSFQT2006) 364125.44N/0763525.12W (12.54)
111 TREE (KSFQT0077) 364117.35N/0763531.76W (12.46)
123 TREE (KSFQT1918) 364117.77N/0763526.36W (12.32)
CONT.

QUALITY 2 CHECKED

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
3. MISSED APPROACH MAP:								
ELEV:								

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	ACTUAL
CATEGORY A	1.3 NM	350	
CATEGORY B	1.5 NM	450	
CATEGORY C	1.7 NM	450	
CATEGORY D	2.3 NM	550	
CATEGORY E	4.5 NM	550	

5. MINIMUM SAFE ALTITUDES PRIMARY NAVAID:

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 70 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
SUFFOLK, VA	**SUFFOLK EXECUTIVE**	**RNAV**	**RNAV (GPS) RWY 25, AMDT 1**	**AEA**

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
SATISFACTORY ON:	☐ NWS ☐ FAA ☐ A/C OTHER:	SOURCE:
		DISTANCE:
		HOURS REMOTE OPERATION:
☐ VHF ☐ UHF ☐ HF	LOCATION:	ADJUSTMENT:

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN: CAT 1	
	HRS OPTN: CAT 3	

5. APPROACH & RUNWAY LIGHTING	
☐	**ALS**
☐	**(S) SALS**
☐	**MALS**
☐	**HIRL**
☐	**MIRL**
☐	**REIL**
☐	**TDZ**
☐	**C/LINE**
☐	**OTHER (SPECIFY)**

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE:	ELEV RWY THRESHOLD:
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT:

9. FINAL APPROACH COURSE AIMING			
	☐	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	☐	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS:

PART D - PREPARED BY:	DATE:
TITLE:	OFFICE:

PART C - REMARKS:

CONTINUED.
122 TREE (KSFQT1958) 364122.85N/0763529.92W (12.26)
107 TREE (KSFQT0112) 364114.46N/0763531.68W (12.10)
119 TRMSN TWR (KSFQT1893) 364114.24N/0763525.94W (12.07)
133 TREE (KSFQT1956) 364119.35N/0763522.52W (11.99)
99 TREE (KSFQT0138) 364112.14N/0763533.82W (11.75)
128 TREE (KSFQT2743) 364114.24N/0763521.59W (11.74)
127 TREE (KSFQT0002) 364121.67N/0763526.62W (11.73)
156 TREE (KSFQT1378) 364118.67N/0763511.24W (11.68)
156 TREE (KSFQT2863) 364118.68N/0763511.24W (11.67)
132 TREE (KSFQT1996) 364124.71N/0763525.99W (11.37)
126 TREE (KSFQT0069) 364113.36N/0763521.74W (11.22)
120 TREE (KSFQT0043) 364118.64N/0763527.77W (11.20)
126 TREE (KSFQT0944) 364123.79N/0763528.11W (11.14)
116 TRMSN TWR (KSFQT1890) 364114.16N/0763526.85W (11.13)
130 TREE (KSFQT2754) 364114.01N/0763520.20W (11.06)
117 TREE (KSFQT0020) 364122.06N/0763531.18W (11.01)
127 TREE (KSFQT0047) 364115.91N/0763522.66W (10.83)
124 TREE (KSFQT0014) 364121.02N/0763527.16W (10.75)
131 TREE (KSFQT1948) 364118.75N/0763522.25W (10.21)
131 TREE (KSFQT0007) 364119.44N/0763522.65W (10.15)
131 TREE (KSFQT0008) 364119.35N/0763522.50W (9.95)
125 TRMSN POLE (KSFQT0025) 364118.66N/0763524.87W (9.95)
133 TREE (KSFQT0955) 364125.49N/0763525.13W (9.50)
126 TREE (KSFQT1921) 364116.53N/0763522.85W (9.42)
132 TREE (KSFQT0036) 364115.03N/0763518.94W (9.01)
125 TRMSN POLE (KSFQT0023) 364118.49N/0763524.22W (8.78)
126 TREE (KSFQT0037) 364116.57N/0763522.54W (8.70)
111 TREE (KSFQT1451) 364114.63N/0763528.29W (8.60)
110 TREE (KSFQT0100) 364113.96N/0763528.33W (8.57)
130 TREE (KSFQT0042) 364114.85N/0763519.41W (8.25)
108 TREE (KSFQT1894) 364116.37N/0763530.45W (7.94)
131 TREE (KSFQT2774) 364115.53N/0763519.21W (7.93)
111 TREE (KSFQT1453) 364114.25N/0763527.64W (7.71)
122 TREE (KSFQT1917) 364116.47N/0763523.86W (7.67)
125 TREE (KSFQT0940) 364122.54N/0763526.17W (7.62)
121 TREE (KSFQT0022) 364119.37N/0763525.99W (7.42)
123 TREE (KSFQT0005) 364121.34N/0763526.26W (7.40)
122 TRMSN TWR (KSFQT1931) 364118.71N/0763525.00W (7.16)

140 TREE (KSFQT1989) 364120.02N/0763517.39W (7.10)
117 TREE (KSFQT1925) 364119.18N/0763527.58W (7.08)
115 TREE (KSFQT1928) 364120.10N/0763528.98W (6.87)
130 TREE (KSFQT2775) 364113.93N/0763518.18W (6.82)
87 TREE (KSFQT1495) 364112.47N/0763537.25W (6.68)
126 TREE (KSFQT2756) 364114.86N/0763520.54W (6.66)
123 TREE (KSFQT1951) 364120.25N/0763525.17W (6.50)
119 TREE (KSFQT1945) 364120.51N/0763527.19W (6.49)
118 TREE (KSFQT0058) 364115.53N/0763524.59W (6.47)
90 TREE (KSFQT1485) 364113.36N/0763536.18W (6.21)
115 TREE (KSFQT1943) 364121.47N/0763529.47W (6.12)
93 TREE (KSFQT1491) 364111.43N/0763533.50W (6.00)
132 TREE (KSFQT2793) 364115.57N/0763517.85W (5.95)
129 TREE (KSFQT1953) 364118.49N/0763521.02W (5.91)
151 TREE (KSFQT2869) 364117.70N/0763510.21W (5.75)
122 TRMSN TWR (KSFQT1934) 364118.48N/0763524.11W (5.55)

125 TREE (KSFQT1935) 364117.57N/0763522.11W (5.46)
103 TREE (KSFQT1466) 364113.20N/0763529.65W (5.41)
117 TREE (KSFQT1949) 364121.63N/0763528.31W (5.41)
130 T-L TWR (51-020160) 364123.28N/0763523.10W (5.06)
95 TREE (KSFQT0120) 364114.45N/0763533.96W (5.01)
99 TREE (KSFQT1472) 364112.73N/0763530.98W (4.88)
CONT.

QUALITY 2 CHECKED

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
3. MISSED APPROACH MAP:								
3. MISSED APPROACH								
3. MISSED APPROACH ELEV:								

4. CIRCLING AREA	DISTANCE	REQUIRED	ACTUAL	HT. ABV. ARPT.					
CATEGORY A	1.3 NM	350							
CATEGORY B	1.5 NM	450							
CATEGORY C	1.7 NM	450							
CATEGORY D	2.3 NM	550							
CATEGORY E	4.5 NM	550							

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID:

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A

QUALITY CHECKED

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
SUFFOLK, VA	**ELEVATION: 70** AIRPORT NAME: **SUFFOLK EXECUTIVE**	**RNAV**	**RNAV (GPS) RWY 25, AMDT 1**	**AEA**

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
SATISFACTORY ON:	☐ N W S ☐ F A A ☐ A / C OTHER:	SOURCE: DISTANCE: HOURS REMOTE OPERATION:
☐ V H F ☐ U H F ☐ H F	LOCATION:	ADJUSTMENT:

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN:	CAT 1
		CAT 3

5. APPROACH & RUNWAY LIGHTING	☐	ALS
	☐	(S) SALS
	☐	MALS
	☐	HIRL
	☐	MIRL
	☐	REIL
	☐	TDZ
	☐	C/LINE
	☐	OTHER (SPECIFY)

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE:	ELEV RWY THRESHOLD:
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT:

9. FINAL APPROACH COURSE AIMING	☐	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	☐	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS:

PART D - PREPARED BY:	DATE:
TITLE:	OFFICE:

PART C - REMARKS:

CONTINUED.
86 TREE (KSFQT0150) 364112.64N/0763536.78W (4.45)
127 TREE (KSFQT0011) 364118.46N/0763521.10W (4.12)
125 TREE (KSFQT1939) 364117.42N/0763521.37W (4.07)
130 TREE (KSFQT2796) 364114.62N/0763517.09W (3.58)
136 TREE (KSFQT0948) 364120.01N/0763517.41W (3.16)
121 TREE (KSFQT1937) 364118.18N/0763523.22W (3.04)
119 TREE (KSFQT0934) 364121.69N/0763526.30W (3.02)
80 TREE (KSFQT1506) 364111.47N/0763538.18W (3.00)
150 TREE (KSFQT2074) 364128.95N/0763516.16W (2.69)
126 TREE (KSFQT2780) 364116.96N/0763519.85W (2.41)
135 TREE (KSFQT0947) 364119.92N/0763517.47W (2.40)
128 TREE (KSFQT2792) 364117.70N/0763519.36W (2.39)
121 TREE (KSFQT2757) 364115.68N/0763521.06W (1.70)
110 TREE (KSFQT0030) 364120.24N/0763528.89W (1.49)
161 TREE (KSFQT2922) 364118.27N/0763503.90W (1.45)
115 TREE (KSFQT0049) 364116.45N/0763524.15W (1.32)
104 TREE (KSFQT1911) 364118.94N/0763530.64W (0.96)
125 TREE (KSFQT0017) 364117.00N/0763519.29W (0.16)

R22 20:1
119 TREE (KSFQT0003) 364124.03N-0763531.74W (16.62)
117 TREE (KSFQT0004) 364124.66N-0763533.27W (14.98)
116 TREE (KSFQT0016) 364125.04N-0763536.38W (18.65)
117 TREE (KSFQT0019) 364123.99N-0763534.61W (20.64)
117 TREE (KSFQT0020) 364122.03N-0763531.18W (22.10)
114 TREE (KSFQT0027) 364122.82N-0763533.88W (21.27)
115 TREE (KSFQT0031) 364122.11N-0763533.02W (23.63)
116 TREE (KSFQT0032) 364123.71N-0763536.66W (25.04)
117 TREE (KSFQT0048) 364123.37N-0763538.92W (32.13)
91 TREE (KSFQT0063) 364118.32N-0763531.37W (12.86)
124 TREE (KSFQT0936) 364123.57N-0763529.72W (19.52)
117 TREE (KSFQT0937) 364126.02N-0763534.98W (12.51)
119 TREE (KSFQT0942) 364127.17N-0763535.70W (10.94)
126 TREE (KSFQT0944) 364123.79N-0763528.11W (17.28)
123 TREE (KSFQT0945) 364124.32N-0763529.16W (14.10)
123 TREE (KSFQT0950) 364125.20N-0763528.17W (8.23)
133 TREE (KSFQT0955) 364125.49N-0763525.13W (10.77)
152 TREE (KSFQT0959) 364130.68N-0763535.08W (27.32)
163 TREE (KSFQT0960) 364131.23N-0763535.68W (37.13)
134 TREE (KSFQT0961) 364126.68N-0763525.39W (7.09)
95 TREE (KSFQT1891) 364120.19N-0763539.82W (25.68)
118 TREE (KSFQT1898) 364121.54N-0763540.51W (44.38)
113 TREE (KSFQT1905) 364122.00N-0763539.20W (34.70)
104 TREE (KSFQT1911) 364118.94N-0763530.64W (21.66)
119 TREE (KSFQT1916) 364123.21N-0763538.71W (34.40)
121 TREE (KSFQT1926)364123.89N-0763537.42W (30.80)
121 TREE (KSFQT1933) 364123.72N-0763535.52W (27.67)
125 TREE (KSFQT1936) 364122.51N-0763532.70W (31.23)
122 TREE (KSFQT1938) 364121.95N-0763531.21W (27.64)
122 TREE (KSFQT1940) 364123.32N-0763533.69W (26.70)
115 TREE (KSFQT1943) 364121.47N-0736529.47W (19.20)
131 TREE (KSFQT1944) 364125.46N-0763537.86W (34.82)
117 TREE (KSFQT1949) 364121.63N-0763528.31W (18.14)
128 TREE (KSFQT1950) 364125.63N-0763536.76W (28.84)
126 TREE (KSFQT1952) 364123.72N-0763534.61W (26.44)
127 TREE (KSFQT1955) 364124.28N-0736533.17W (26.38)
122 TREE (KSFQT1958) 364122.85N-0763529.92W (21.08)
127 TREE (KSFQT1959) 364123.72N-0763531.75W (26.00)
124 TREE (KSFQT1964) 364123.80N-0763530.67W (20.45)
124 TREE (KSFQT1965) 364125.95N-0763534.96W (19.77)
121 TREE (KSFQT1966) 364123.73N-0763532.31W (16.72)
120 TREE (KSFQT1970) 364125.82N-0763533.45W (13.27)
128 TREE (KSFQT1971) 364123.42N-0763528.17W (21.02)
128 TREE (KSFQT1973) 364127.21N-0763536.12W (16.62)
120 TREE (KSFQT1974) 364124.73N-0763530.74W (12.52)
122 TREE (KSFQT1977) 364127.14N-0763535.47W 13.60)
CONT.

QUALITY 2 CHECKED

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT		FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
3. MISSED APPROACH	MAP:								
	ELEV:								

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT.			
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL	
CATEGORY B	1.5 NM		450		
CATEGORY C	1.7 NM		450		
CATEGORY D	2.3 NM		550		
CATEGORY E	4.5 NM		550		

5. MINIMUM SAFE ALTITUDES PRIMARY NAVAID:

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A

QUALITY CHECKED

CITY AND STATE	ELEVATION: 70 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
SUFFOLK, VA	SUFFOLK EXECUTIVE	RNAV	RNAV (GPS) RWY 25, AMDT 1	AEA

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
SATISFACTORY ON:	☐ NWS ☐ FAA ☐ A/C OTHER:	SOURCE: DISTANCE: HOURS REMOTE OPERATION:
☐ VHF ☐ UHF ☐ HF	LOCATION:	ADJUSTMENT:

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN:	CAT 1
		CAT 3
5. APPROACH & RUNWAY LIGHTING		
6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE:	ELEV RWY THRESHOLD:
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT:
9. FINAL APPROACH COURSE AIMING	☐ RUNWAY THRESHOLD	FT. FROM THRESHOLD
	☐ ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS:

PART D - PREPARED BY:	DATE:
TITLE:	OFFICE:

PART C - REMARKS:

CONTINUED.
124 TREE (KSFQT1978) 364124.31N-0763529.22W (15.26)
117 TREE (KSFQT1983) 364123.12N-0763513.83W (5.66)
123 TREE (KSFQT1986) 364128.66N-0763536.49W (10.03)
123 TREE (KSFQT1990) 364125.73N-0763529.57W (8.76)
125 TREE (KSFQT1994) 364125.68N-0763528.30W (8.39)
132 TREE (KSFQT1996) 364124.71N-0763525.99W (14.93)
131 TREE (KSFQT1997) 364125.22N-0763526.98W (13.72)
136 TREE (KSFQT2006) 364125.44N-0763525.12W (13.97)
126 TREE (KSFQT2013) 364126.45N-0763526.49W (2.34)
163 TREE (KSFQT2017) 364131.23N-0763535.67W (37.11)
142 TREE (KSFQT2026) 364131.59N-0763534.57W (12.29)
131 TREE (KSFQT2029) 364124.26N-0763525.15W (1.06)
150 TREE (KSFQT2063) 364135.62N-0763533.32W (.11)

R22 34:1
130 TOWER (51-020178) 364129.16N-0763520.76W (15.09)
101 TREE (KSFQT0941) 364126.52N-0763534.71W (9.59)
109 TREE (KSFQT0951) 364126.20N-0763528.80W (11.34)
118 TREE (KSFQT0954) 364126.43N-0763527.23W (17.87)
111 TREE (KSFQT0932) 364127.34N-0763526.42W (7.55)
134 TREE (KSFQT0966) 364127.65N-0763523.76W (26.57)
134 TREE (KSFQT0967) 364127.87N-0763523.50W (25.69)
124 TREE (KSFQT0972) 364129.56N-0763524.18W (12.15)
134 TREE (KSFQT0973) 364129.33N-0763522.80W (21.09)
115 TREE (KSFQT0975) 364132.62N-0763529.79W (2.00)
128 TREE (KSFQT0980) 364130.22N-0763523.85W (14.06)
116 TREE (KSFQT0982) 364132.94N-0763528.80W (.99)
148 TREE (KSFQT0984) 364135.64N-0763533.31W (31.44)
147 TREE (KSFQT0986) 364131.57N-0763523.18W (28.78)
126 TREE (KSFQT0989) 364131.07N-0763520.90W (21.34)
152 TREE (KSFQT0992) 364132.51N-0763522.48W (30.52)
126 TREE (KSFQT1001) 364137.74N-0763530.75W (.96)
147 TREE (KSFQT1002) 364136.24N-0763520.73W (21.55)
152 TREE (KSFQT1006) 364134.85N-0763522.25W (24.22)
153 TREE (KSFQT1007) 364134.34N-0763525.29W (25.03)
137 TREE (KSFQT1008) 364136.88N-0763526.11W (8.62)
156 TREE (KSFQT1014) 364135.94N-0763521.78W (24.85)
141 TREE (KSFQT1015) 364137.97N-0763526.11W (9.81)
158 TREE (KSFQT1017) 364138.43N-0763526.56W (26.17)
149 TREE (KSFQT1019) 364135.72N-0763520.36W (16.72)
139 TREE (KSFQT1020) 364137.09N-0763522.66W (5.95)
150 TREE (KSFQT1029) 364137.07N-0763519.82W (13.60)
140 TREE (KSFQT1031) 364139.23N-0763521.79W (.39)
144 TREE (KSFQT1041) 364140.79N-0763521.61W (.16)
155 TREE (KSFQT1050) 364142.49N-0763520.65W (5.64)
158 TREE (KSFQT1063) 364144.89N-0763519.81W (1.45)
160 TREE (KSFQT1065) 364145.74N-0763520.97W (2.65)
170 TREE (KSFQT1066) 364146.71N-0763520.69W (9.82)
166 TREE (KSFQT1068) 364147.53N-0763520.85W (3.90)
103 TREE (KSFQT1979) 364126.55N-0763534.00W (10.67)
98 TREE (KSFQT1985) 364127.39N-0736533.87W (3.35)
99 TREE (KSFQT1992) 364126.47N-0763530.23W (2.36)
118 TREE (KSFQT2009) 364126.93N-0763527.86W (17.33)
104 TREE (KSFQT2015) 364128.16N-0736529.27W (1.86)
113 TREE (KSFQT2020) 364127.34N-0736526.43W (9.56)
118 TREE (KSFQT2024) 364131.01N-0763533.85W (14.00)
126 TREE (KSFQT2025) 364126.51N-0763524.04W (21.84)
133 TREE (KSFQT2036) 364128.36N-0763524.73W (24.90)
135 TREE (KSFQT2037) 364127.92N-0763523.75W (26.86)
128 TREE (KSFQT2042) 364127.57N-0763522.23W (18.94)
113 TREE (KSFQT2047) 364129.78N-0763524.91W (1.46)
137 TREE (KSFQT2048) 364128.57N-0763522.24W (25.38)
129 TREE (KSFQT2050) 364129.57N-0763524.17W (17.12)
136 TREE (KSFQT2051) 364134.34N-0763534.12W (23.75)
134 TREE (KSFQT2052) 364129.30N-0763522.78W (21.15)
117 TREE (KSFQT2053) 364132.59N-0763529.75W (4.02)
CONT.

QUALITY 2 CHECKED

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT		FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
3. MISSED APPROACH	MAP:								
	ELEV:								

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	ACTUAL
CATEGORY A	1.3 NM	350	
CATEGORY B	1.5 NM	450	
CATEGORY C	1.7 NM	450	
CATEGORY D	2.3 NM	550	
CATEGORY E	4.5 NM	550	

5. MINIMUM SAFE ALTITUDES

PRIMARY NAVAID:

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A

QUALITY 2 CHECKED

CITY AND STATE	AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
SATISFACTORY ON:	☐ N W S ☐ F A A ☐ A / C OTHER:	SOURCE: DISTANCE: HOURS REMOTE OPERATION:
☐ V H F ☐ U H F ☐ H F	LOCATION:	ADJUSTMENT:

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN:	CAT 1
		CAT 3
5. APPROACH & RUNWAY LIGHTING		
6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE:	ELEV RWY THRESHOLD:
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT:
9. FINAL APPROACH COURSE AIMING	☐ RUNWAY THRESHOLD	FT. FROM THRESHOLD
	☐ ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS:

PART D - PREPARED BY:	DATE:
TITLE:	OFFICE:

PART C - REMARKS:

CONTINUED.
118 TREE (KSFQT2061) 364132.96N-0763528.78W (2.91)
157 TREE (KSFQT2088) 364132.97N/0763521.39W (33.03)
153 TREE (KSFQT2078) 364132.52N/0763522.45W (31.46)
149 TREE (KSFQT2067) 364131.55N/0763523.16W (30.81)
157 TREE (KSFQT2103) 364134.82N/0763522.19W (29.23)
141 TREE (KSFQT2064) 364130.77N/0763522.66W (24.22)
147 TREE (KSFQT2086) 364132.22N/0763520.58W (23.99)
148 TREE (KSFQT2091) 364137.77N/0763531.21W (23.44)
153 TREE (KSFQT2115) 364135.43N/0763521.52W (22.85)
142 TREE (KSFQT2071) 364131.10N/0763520.92W (22.28)
153 TREE (KSFQT2123) 364138.40N/0763526.37W (21.02)
145 TREE (KSFQT2096) 364133.87N/0763521.98W (19.42)
141 TREE (KSFQT2085) 364133.24N/0763522.81W (18.04)
147 TREE (KSFQT2111) 364138.13N/0763528.03W (17.70)
145 TREE (KSFQT2102) 364133.74N/0763520.02W (17.41)
148 TREE (KSFQT2118) 364135.30N/0763520.65W (17.15)
149 TREE (KSFQT2125) 364140.22N/0763529.87W (16.52)
152 TREE (KSFQT2146) 364137.86N/0763521.08W (15.07)
150 TREE (KSFQT2137) 364136.89N/0763520.07W (14.36)
145 TREE (KSFQT2119) 364135.06N/0763519.89W (13.85)
147 TREE (KSFQT2132) 364137.43N/0763522.58W (12.98)
173 TREE (KSFQT2198) 364146.74N/0763520.77W (12.84)
140 TREE (KSFQT2105) 364136.39N/0763525.10W (11.67)
147 TREE (KSFQT2142) 364137.25N/0763520.42W (10.85)
169 TREE (KSFQT2199) 364146.39N/0763519.86W (8.65)
165 TREE (KSFQT2195) 364145.72N/0763520.97W (7.70)
141 TREE (KSFQT2133) 364141.10N/0763530.09W (6.52)
150 TREE (KSFQT2168) 364140.12N/0763520.10W (6.08)
168 TREE (KSFQT2204) 364147.54N/0763520.86W (5.89)
134 TREE (KSFQT2108) 364136.93N/0763525.97W (5.32)
133 TREE (KSFQT2106) 364138.15N/0763528.90W (4.69)
154 TREE (KSFQT2175) 364142.41N/0763520.34W (4.47)
161 TREE (KSFQT2191) 364144.88N/0763519.77W (4.43)
123 TREE (KSFQT2073) 364132.68N/0763524.23W (3.18)
154 TREE (KSFQT2182) 364143.58N/0763520.14W (1.22)
144 TREE (KSFQT2163) 364140.38N/0763521.57W (1.17)
165 TREE (KSFQT2207) 364147.41N/0763518.95W (0.93)
141 TREE (KSFQT2157) 364139.05N/0763520.50W (0.31)
FPO NOTIFIED.

SEE MFR FOR COMPLETE LIST.

RASS PRESSURE PATTERNS SAME
KSFQ 70.1, KORF 26.7
RA = 59.3.
SEE ATTACHED AIRSPACE LETTER.

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LALSE **STATE:** VA **COUNTRY:** US

LATITUDE/LONGITUDE: 363607.75N/0764822.19W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	W		WP	253.56	073.56	R		4	2000	6000	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (37-003265)	363004.08N/0764843.82W	320	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 25		1	KSFQ	SUFFOLK	VA (US)
IAP	RNAV (GPS) RWY 7		1	KSFQ	SUFFOLK	VA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 12/13/2012

REASON FOR REVISION:
UPDATED HOLDING OBSTACLE

DEVELOPED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** (DAVID DANNER)

APPROVED BY: **DATE:** **OFFICE:** **NAME:**

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: ORF APP CON
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WOVTI **STATE:** VA **COUNTRY:** US

LATITUDE/LONGITUDE: 364331.96N/0762949.36W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 25			KSFQ	SUFFOLK	VA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 12/13/2012

REASON FOR REVISION:
MOVED FIX 651 FT NORTHEAST

DEVELOPED BY: **DATE:** 08/02/2012 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (ROSE BOONE)

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: ORF APP CON
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ZOTID **STATE:** VA **COUNTRY:** US

LATITUDE/LONGITUDE: 364626.64N/0762229.25W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	E		WP	073.78	253.78	R		4	2300	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (51-000366)	364845.00N/0762743.00W	1049	3C

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 25		1	KSFQ	SUFFOLK	VA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 12/13/2012

REASON FOR REVISION:
MOVED FIX 44 FT NORTHEAST

DEVELOPED BY: **DATE:** 08/02/2012 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (ROSE BOONE)

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: ORF APP CON
OTHER:

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: FRANKLIN VORTAC **STATE:** VA **COUNTRY:** US

LATITUDE/LONGITUDE: 364251.25N/0770044.56W **TYPE:**

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	FRANKLIN	FKN	VORTAC	L							17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
FKN	VORTAC	R-249	50	1500	45000

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	W	FKN	VORTAC	290.00	110.00	R	1		1600	6000	4	5
2	W		WP	290.00	110.00	R		4	2000	5000	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (51-000975)	364118.00N/0770057.00W	529	5D
2	200	TOWER (51-000975)	364118.00N/0770057.00W	529	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	MOUNTY			KFAY	FAYETTEVILLE	NC (US)
DP	RALEIGH			KRDU	RALEIGH/DURHAM	NC (US)
DP	HENRY			KPHF	NEWPORT NEWS	VA (US)
DP	KISRR			KORF	NORFOLK	VA (US)
EN ROUTE	J207					(US)
EN ROUTE	J79					(US)
EN ROUTE	N189					(US)
EN ROUTE	V260					(US)
EN ROUTE	V266					(US)
EN ROUTE	V66					(US)
IAP	RNAV (GPS) RWY 2			KIXA	ROANOKE RAPIDS	NC (US)
IAP	RNAV (GPS) RWY 20			KIXA	ROANOKE RAPIDS	NC (US)
IAP	VOR/DME RWY 2			KIXA	ROANOKE RAPIDS	NC (US)
IAP	RNAV (GPS) RWY 33			KEMV	EMPORIA	VA (US)
IAP	VOR RWY 9		1	KFKN	FRANKLIN	VA (US)
IAP	VOR/DME RWY 27		1	KFKN	FRANKLIN	VA (US)
IAP	ILS OR LOC RWY 25		1	KPHF	NEWPORT NEWS	VA (US)
IAP	ILS OR LOC RWY 7			KPHF	NEWPORT NEWS	VA (US)
IAP	LOC/DME RWY 20			KPHF	NEWPORT NEWS	VA (US)
IAP	RNAV (GPS) RWY 7			KPHF	NEWPORT NEWS	VA (US)
IAP	ILS OR LOC RWY 23		1	KORF	NORFOLK	VA (US)
IAP	RNAV (GPS) RWY 10			KPVG	NORFOLK	VA (US)
IAP	LOC/NDB RWY 5			KPTB	PETERSBURG	VA (US)
IAP	RNAV (GPS) RWY 5			KPTB	PETERSBURG	VA (US)
IAP	VOR RWY 23			KPTB	PETERSBURG	VA (US)
IAP	RNAV (GPS) RWY 2 (SPECIAL)			K31VA	SMITHFIELD	VA (US)
IAP	RNAV (GPS) RWY 25			KSFQ	SUFFOLK	VA (US)
IAP	RNAV (GPS) RWY 4			KSFQ	SUFFOLK	VA (US)
IAP	RNAV (GPS) RWY 7			KSFQ	SUFFOLK	VA (US)
IAP	RNAV (GPS) RWY 20		2	KAKQ	WAKEFIELD	VA (US)
STAR	NASCR			KVUJ	ALBEMARLE	NC (US)
STAR	NASCR			KJQF	CONCORD	NC (US)
STAR	ARGAL			KRDU	RALEIGH/DURHAM	NC (US)
STAR	KAROO (RNAV)			KRDU	RALEIGH/DURHAM	NC (US)
STAR	MEYER (RNAV)			KRDU	RALEIGH/DURHAM	NC (US)
STAR	NASCR			KRUQ	SALISBURY	NC (US)
STAR	DRONE			KLFI	HAMPTON	VA (US)
STAR	DRONE			KPHF	NEWPORT NEWS	VA (US)
STAR	DRONE			KCPK	NORFOLK	VA (US)
STAR	DRONE			KNGU	NORFOLK	VA (US)
STAR	DRONE			KORF	NORFOLK	VA (US)
STAR	DRONE			KPVG	NORFOLK	VA (US)

QUALITY CHECKED

REQUIRED CHARTING: DP, STAR, MILITARY IAP, IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 15 **DATE OF REVISION:** 12/13/2012

REASON FOR REVISION:
REMOVED FROM HISTORY STATUS

DEVELOPED BY:	**DATE:** 07/20/2012	**OFFICE:** AJV-352	**NAME:** DONALD SMITH (ROSE BOONE)
APPROVED BY:	**DATE:**	**OFFICE:** AJV-352	**NAME:** DARRYEL ADAMS
	SIGNATURE:		

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: ORF APP CON
OTHER: RDU APP CON

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

INFO ONLY

NAME: NORFOLK VORTAC **STATE:** VA **COUNTRY:** US

LATITUDE/LONGITUDE: 365330.84N/0761201.17W **TYPE:**

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	NORFOLK	ORF	VORTAC	H							45000
2	CAPE CHARLES	CCV	VORTAC	L	209.67	199.67	28.98	28.98		2000	24500
3	FRANKLIN	FKN	VORTAC	L	083.54	074.54	40.55	40.55		2500	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
CCV	VORTAC	R-210	30	18000	45000
FKN	VORTAC	R-084	41	2500	45000

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
FAC 2 AND 3 ADDED TO COVER SUBSTITUTE ROUTES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	WINSTON			KINT	WINSTON-SALEM	NC (US)
DP	HENRY			KPHF	NEWPORT NEWS	VA (US)
DP	KISRR			KORF	NORFOLK	VA (US)
EN ROUTE	AR9					(US)
EN ROUTE	J121					(US)
EN ROUTE	J174					(US)
EN ROUTE	J209					(US)
EN ROUTE	V1					(US)
EN ROUTE	V139					(US)
IAP	ILS OR LOC RWY 25			KPHF	NEWPORT NEWS	VA (US)
IAP	NDB RWY 2			KPHF	NEWPORT NEWS	VA (US)
IAP	RNAV (GPS) RWY 20			KPHF	NEWPORT NEWS	VA (US)
IAP	RNAV (GPS) RWY 25			KPHF	NEWPORT NEWS	VA (US)
IAP	ILS OR LOC RWY 5			KCPK	NORFOLK	VA (US)
IAP	RNAV (GPS) RWY 23			KCPK	NORFOLK	VA (US)
IAP	VOR/DME RWY 23			KCPK	NORFOLK	VA (US)
IAP	ILS OR LOC RWY 23			KORF	NORFOLK	VA (US)
IAP	ILS OR LOC RWY 5			KORF	NORFOLK	VA (US)
IAP	RIVER VISUAL RWY 5			KORF	NORFOLK	VA (US)
IAP	VOR RWY 23			KORF	NORFOLK	VA (US)
IAP	VOR/DME RWY 14			KORF	NORFOLK	VA (US)
IAP	VOR/DME RWY 32			KORF	NORFOLK	VA (US)
IAP	VOR/DME RWY 5			KORF	NORFOLK	VA (US)
IAP	LOC RWY 4			KSFQ	SUFFOLK	VA (US)
IAP	RNAV (GPS) RWY 25			KSFQ	SUFFOLK	VA (US)
IAP	RNAV (GPS) RWY 4			KSFQ	SUFFOLK	VA (US)
IAP	RNAV (GPS) RWY 20			KAKQ	WAKEFIELD	VA (US)
STAR	SMYRNA			KDOV	DOVER	DE (US)
STAR	DRONE			KCPK	NORFOLK	VA (US)
STAR	DRONE			KNGU	NORFOLK	VA (US)
STAR	DRONE			KORF	NORFOLK	VA (US)
STAR	DRONE			KPVG	NORFOLK	VA (US)

REQUIRED CHARTING: DP, STAR, IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 **DATE OF REVISION:** 08/25/2011

REASON FOR REVISION:
1. UPDATED ORF COORDINATES.
2. UPDATED FAC 1, ORF FROM HISTORY TO ACTIVE STATUS.
3. UPDATED FAC 3, FKN FROM HISTORY TO ACTIVE STATUS.
4. CHANGED FAC 3 TRUE BRG FROM 074.53 TO 074.54.
5. UPDATED FIX USE.

DEVELOPED BY: **DATE:** 02/15/2011 **OFFICE:** AVN-110 **NAME:** DONALD SMITH (DAVID SAUER)

APPROVED BY: **DATE:** 06/22/2011 **OFFICE:** AVN-110 **NAME:** DARRYEL ADAMS

SIGNATURE:

QUALITY 2 CHECKED

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZDC
ATC FACILITY: ORF APP CON
OTHER:

QUALITY CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **SUFFOLK** STATE: **VA**

AIRPORT NAME: **SUFFOLK EXECUTIVE** ID: **KSFQ**

PROCEDURE: **RNAV (GPS) RWY 25** AMDT: **1**

DOCKET#: **NOT REQUIRED**
(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

1. Distance from **THLD** to 1000' point **2.65**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.20**
   (Enter appropriate segment, final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **243.73**
4. High Terrain in **FINAL** segment containing 1000' point **24**
5. Distance from **THLD** to 1500' point **4.72**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **1.57**
7. True Course of **FINAL** segment containing 1500' point **243.73**
8. High Terrain in **FINAL** segment containing 1500' point **24**
9. Threshold Coordinates (if straight-in) ... **364110.42N** / **0763545.03W**
10. ARP Coordinates ..... **364057.80N** / **0763601.90W**
11. Runway Approach End and distance furthest from ARP ..... RWY **22**
    Distance **0.50** NM
12. FAF Coordinates ..... **364331.69N** / **0762949.36W**

REMARKS: Approach/Drawing attached.