

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										MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE			ALTITUDE		LNAV: RW32 CLIMB TO 2000 DIRECT CERIN AND ON TRACK 047.02 TO JIMMY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, LT, 221.00 INBOUND. CHART FAS OBST: 165 CTRL TWR 365324N/0761143W CHART 511 BLDG 365029N/0760809W CHART VDP AT 1.20 MILES TO RW32.						
CCV VORTAC		JEBAT (FB)		188.07 / 29.12			2000								
SUNNS		HELBA (FB)		056.34 / 25.71			2000								
HELBA (IAF)		FAMEX (FB)		047.05 / 5.00			2000								
JEBAT (IAF)		FAMEX (FB)		227.13 / 5.00			2000								
FAMEX (IF)		EVAPE (FB)		317.09 / 5.17			1300								
EVAPE (FAF)		RW32 (MAP) (FO)		317.04 / 3.83											
RW32 (MAP)		427 MSL		317.04											
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT FAMEX _____ 3. FAC: 317.04 FAF: EVAPE _____ DIST FAF TO MAP: 3.83 THLD: 3.83 4. MIN. ALT: FAMEX 2000, EVAPE 1300 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: RW32 2300															
										MAG VAR: 9W			EPOCH YEAR: 1985		
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	440	1	415	440	1	415	440	1 1/8	415	440	1 1/8	415			
CIRCLING	520	1	493	520	1	493	540	1 1/2	513	580	2	553			
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SUNNS ON V139 SOUTHWEST BOUND. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CCV VORTAC AIRWAY RADIALS 210 CW 290. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART PROFILE NOTE: DESCENT ANGLE NA.															
CITY AND STATE		ELEVATION: 27 TDZE: 25		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
NORFOLK, VA		AIRPORT NAME:		NORFOLK INTL		RNAV (GPS) RWY 32, ORIG-D				AMDT: ORIG-C					
						20 AUGUST 2015				DATED 10/17/2013					



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, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
427 MSL	CERIN (FB)		
CERIN	JIMMY (FO)	047.02 / 11.9	2000

QUALITY
24
CHECKED

CITY AND STATE
NORFOLK, VA

ELEVATION: 27 TDZE: 25
AIRPORT NAME:
NORFOLK INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 32, ORIG-D
20 AUGUST 2015

SUP:
AMDT: ORIG-C
DATED: 10/17/2013

<p align="center">U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION</p> <p align="center"><u>RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE</u></p> <p align="center">FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33</p>	<p>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.</p>
---	---

<p align="center">U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION</p> <p align="center"><u>RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE</u></p> <p align="center">FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33</p>	<p>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.</p>
---	---

ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible][illegible][illegible][illegible]

CITY AND STATE NORFOLK, VA	ELEVATION: 27 TDZE: 25	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: NORFOLK INTL		RNAV (GPS) RWY 32, ORIG-D	AMDT:
			20 AUGUST 2015	DATED: 10/17/2013

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.

CITY AND STATE NORFOLK, VA	ELEVATION: 27	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 32, ORIG-D 20 AUGUST 2015	SUP: 4
	AIRPORT NAME: NORFOLK INTL			AMDT: ORIG-C
				DATED: 10/17/2013

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION								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.				
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE												
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33												
ARINC SUMMARY - 424-18 - RNAV (GPS)												
ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	CCV	CCV	010		IF		FB					
	CCV	JEBAT	020	IAF	TF		FB	2.0	188.1 (179.1T)	029.1	AA 02000	
	CCV	FAMEX	030		TF		FB	1.0	227.1 (218.1T)	005.0	AA 02000	
	SUNNS	SUNNS	010		IF		FB					
	SUNNS	HELBA	020	IAF	TF		FB	2.0	056.3 (047.3T)	025.7	AA 02000	
	SUNNS	FAMEX	030		TF		FB	1.0	047.1 (038.1T)	005.0	AA 02000	
		FAMEX	010	FACF	IF		FB				AA 02000	
		EVAPE	020	FAF	TF		FB	0.5	317.1 (308.1T)	005.2	AA 01300	
		RW32	030	MAP	TF		FO	0.3	317.0 (308.0T)	003.8	AT 00440	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		317.0 (308.0T)		AA 00427	
		CERIN	050		DF		FB					
		JIMMY	060		TF		FO	1.0	047.0 (038.0T)		AA 02000	
		JIMMY	070		HM	L	FO		221.0 (212.0T)	004.0	AA 02000	
POINT DATA		WAYPOINT			LAT IN SECS	LONG IN SECS		LAT IN MINS		LONG IN MINS		
		CCV			N372051.14	W0755951.55		N3720.852		W07559.859		
		CERIN			N365355.93	W0761255.40		N3653.932		W07612.923		
		EVAPE			N365057.26	W0760810.99		N3650.954		W07608.183		
		FAMEX			N364745.69	W0760306.69		N3647.762		W07603.112		
		HELBA			N364349.20	W0760656.91		N3643.820		W07606.949		
		JEBAT			N365142.05	W0755916.07		N3651.701		W07559.268		
		JIMMY			N370318.71	W0760346.16		N3703.312		W07603.769		
		SUNNS			N362624.74	W0763028.21		N3626.412		W07630.470		
		RW32			N365318.91	W0761156.49		N3653.315		W07611.942		
RUNWAY DATA				THRESHOLD								
		RWY		ELEVATION		TCH						
		RW32	00022			34						

CITY AND STATE NORFOLK, VA	ELEVATION: 27	TDZE: 25	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			RNAV (GPS) RWY 32, ORIG-D	4
	NORFOLK INTL	RNAV	20 AUGUST 2015	AMDT:	ORIG-D
				DATED:	10/17/2013