

<b>RNAV - STANDARD</b> <b>INSTRUMENT APPROACH PROCEDURE</b> <b>TITLE 14 CFR PART 97.33</b>						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: RW14  CLIMB TO 2000 DIRECT WARIV AND LEFT TURN ON TRACK 041.26 TO JIMMY AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD NE, LT, 221.00 INBOUND. CHART FAS OBST: 196 TOWER 365446N/0761503W CHART VDP AT 1.27 MILES TO RW14.						
CCV VORTAC		CUBEL (FB)		230.72 / 22.66			2000								
DEEMS/ORF 13.00 DME/RADAR		HAMKI (FB)		358.55 / 11.65			2500								
HCM VORTAC		CUBEL (FB)		149.10 / 29.93			2000								
CUBEL (IAF)		FIDAR (FB)		226.93 / 5.00			2000								
HAMKI (IAF)		FIDAR (FB)		046.85 / 5.00			2000								
FIDAR (IF)		JADEX (FB)		136.89 / 5.55			1500								
JADEX (FAF)		RW14 (MAP) (FO)		136.95 / 4.45											
(SEE FORM 8260-10)															
1. PT <u>      </u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF) 2. PROFILE STARTS AT FIDAR <u>      </u> 3. FAC: <u>136.95</u> FAF: <u>JADEX</u> DIST FAF TO MAP: <u>4.45</u> THLD: <u>4.45</u> 4. MIN. ALT: FIDAR 2000, JADEX 1500 5. DIST TO THLD FROM OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 150 HAT: <u>      </u> 100 HAT: <u>      </u> GS ANT: <u>      </u> 6. MIN GS INCPT: <u>      </u> GS ALT AT: <u>      </u> OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 7. GS ANGLE: <u>      </u> TCH: 34:1 IS NOT CLEAR 8. MSA FROM: RW14 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	460	1	435	460	1	435	460	1 1/4	435	460	1 1/2	435			
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 CCV VORTAC ON V1-139 NORTHEAST BOUND AND ARRIVALS AT DEEMS ON V1 SOUTHWEST BOUND. CHART PROFILE NOTE: DESCENT ANGLE NA.															
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 14, ORIG-D 20 AUGUST 2015				SUP:					
										AMDT: ORIG-C					
										DATED 08/22/2013					



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
RW14 (MAP)	427 MSL	136.95	
427 MSL	WARIV (FO)		
WARIV	JIMMY (FO)	041.26 / 11.96	2000

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 14, ORIG-D**  
20 AUGUST 2015

SUP: 4  
AMDT: ORIG-C  
DATED: 08/22/2013

QUALITY  
4  
CHECKED

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

CITY AND STATE <b>NORFOLK, VA</b>	ELEVATION: <b>27</b> <b>TDZE: 25</b>	FACILITY IDENTIFIER:  <b>RNAV</b>	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: <b>NORFOLK INTL</b>		<b>RNAV (GPS) RWY 14, ORIG-D</b>	AMDT:
			20 AUGUST 2015	DATED: <b>08/22/2013</b>

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 <b>NORFOLK, VA</b>	ELEVATION: <b>27</b> AIRPORT NAME: <b>NORFOLK INTL</b>	TDZE: <b>25</b>  <b>RNAV</b>	FACILITY IDENTIFIER:  <b>RNAV</b>	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: <b>RNAV (GPS) RWY 14, ORIG-D</b> 20 AUGUST 2015	SUP: <b>4</b>
					AMDT: <b>ORIG-C</b>
					DATED: <b>08/22/2013</b>

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	CUBEL	020	IAF	TF		FB	2.0	230.7 (221.7T)	022.7	AA 02000	
	CCV	FIDAR	030		TF		FB	1.0	226.9 (217.9T)	005.0	AA 02000	
	DEEMS	DEEMS	010		IF		FB					
	DEEMS	HAMKI	020	IAF	TF		FB	2.0	358.6 (349.6T)	011.7	AA 02500	
	DEEMS	FIDAR	030		TF		FB	1.0	046.9 (037.9T)	005.0	AA 02000	
	HCM	HCM	010		IF		FB					
	HCM	CUBEL	020	IAF	TF		FB	2.0	149.1 (140.1T)	029.9	AA 02000	
	HCM	FIDAR	030		TF		FB	1.0	226.9 (217.9T)	005.0	AA 02000	
		FIDAR	010	FACF	IF		FB				AA 02000	
		JADEX	020	FAF	TF		FB	0.5	136.9 (127.9T)	005.6	AA 01500	
		RW14	030	MAP	TF		FO	0.3	137.0 (128.0T)	004.5	AT 00460	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		137.0 (128.0T)		AA 00427	
		WARIV	050		DF		FO					
		JIMMY	060		TF	L	FO	1.0	041.3 (032.3T)		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			
		HCM	N372655.18		W0764240.87		N3726.920		W07642.681			
		CUBEL	N370353.67		W0761841.83		N3703.895		W07618.697			
		DEEMS	N364431.54		W0762343.84		N3644.526		W07623.731			
		FIDAR	N365956.67		W0762232.03		N3659.945		W07622.534			
		HAMKI	N365559.55		W0762621.84		N3655.993		W07626.364			
		JADEX	N365631.84		W0761704.33		N3656.531		W07617.072			
		JIMMY	N370318.71		W0760346.16		N3703.312		W07603.769			
		WARIV	N365311.42		W0761144.54		N3653.190		W07611.742			
		RW14	N365347.29		W0761241.72		N3653.788		W07612.695			
RUNWAY DATA			THRESHOLD									
		RWY	ELEVATION		TCH							
		RW14	00019		36							
CITY AND STATE		ELEVATION: 27		TDZE: 25		FACILITY IDENTIFIER:		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:		SUP:		
NORFOLK, VA		AIRPORT NAME:		NORFOLK INTL		RNAV		RNAV (GPS) RWY 14, ORIG-D		AMDT: ORG		
								20 AUGUST 2015		DATED: 08/22/2013		