US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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
CON VORTAC	PUTRE (FB)	133.67 / 11.26	3000
LWM VOR/DME	FABIG (FB)	003.30 / 17.19	3000
ENE VORTAC (IAF)	WAVBO (FB)	249.93 / 35.42	2800
PUTRE (IAF)	WAVBO (FB)	148.37 / 5.00	2800
FABIG (IAF)	WAVBO (FB)	328.49 / 5.00	2800
WAVBO (IF)	ONGEE (FB)	238.54 / 6.10	1800

MISSED APPROACH

LNAV: RW24

CLIMBING RIGHT TURN TO 5000 DIRECT CON VORTAC AND HOLD. CONTINUE CLIMB-IN-HOLD TO 5000.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 150.75 INBOUND.
CHART FAS OBST: 669 TREE 425923N/0712013W
ONGEE TO RW24: 3.04/50.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT WAVBO
3. FAC: 238.48 FAF: ONGEE DIST FAF TO MAP: 4.67 THLD: 4.67
4. MIN. ALT: WAVBO 2800, ONGEE 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: RW24 3500

MAG VAR: 16W EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: [ ] STANDARD [X] 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	880	5000	638	880	5000	638	880	1 3/4	638	880	2	638			
CIRCLING	880	1	614	880	1	614	880	1 3/4	614	880	2	614			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: RADAR REQUIRED FOR ARRIVALS AT LWM VOR/DME.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ENE VORTAC AIRWAY RADIALS 197 CW 300 AND ARRIVALS AT CON VORTAC VIA V141 NORTHBOUND.

CITY AND STATE	ELEVATION: 266 TDZE: 242	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO.:	SUP:
MANCHESTER, NH	AIRPORT NAME: MANCHESTER	RNAV	RNAV (GPS) RWY 24, AMDT 1	AMDT: ORIG
			DEC 20 2007	DATED 08/08/2002

APPROVED

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ARINC PACKET - 424-15

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        CON   K6011290VTLA N43131119W071343166    N43131119W071343166W015000710      NAWCONCORD
        SUSAD        ENE   K6011710VTH  N43253250W070364870    N43253250W070364870W017000190      NAWKENNEBUNK
        SUSAD        LWM   K6011250VDL  N42442551W071054143    N42442551W071054143W015000299      NAWLAWRENCE

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   FABIG K60    W   L N43011172W071105053                    E0158     NAW          FABIG
        SUSAEAENRT   ONGEE K60    W   L N43000459W071212941                    E0157     NAW          ONGEE
        SUSAEAENRT   PUTRE K60    W   L N43075663W071205478                    E0158     NAW          PUTRE
        SUSAEAENRT   WAVBO K60    W   L N43043429W071155238                    E0158     NAW          WAVBO

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMHTK6AMHT     0     092YHN42555720W071260840W016000266        1800018000C    MNAW    MANCHESTER

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMHTK6FP24   ACON   010CON  K6D 0V       IF                                          18000                G  S
        SUSAP KMHTK6FP24   ACON   020PUTREK6EA0E  A 020TF                  13370113    + 03000                          G  S
        SUSAP KMHTK6FP24   ACON   030WAVBOK6EA0EE   010TF                  14840050    + 02800                          G  S
        SUSAP KMHTK6FP24   AENE   010ENE  K6D 0V  A    IF                                          18000                G  S
        SUSAP KMHTK6FP24   AENE   020WAVBOK6EA0EE   010TF                  24990354    + 02800                          G  S
        SUSAP KMHTK6FP24   ALWM   010LWM  K6D 0V       IF                                          18000                G  S
        SUSAP KMHTK6FP24   ALWM   020FABIGK6EA0E  A 020TF                  00330172    + 03000                          G  S
        SUSAP KMHTK6FP24   ALWM   030WAVBOK6EA0EE   010TF                  32850050    + 02800                          G  S
        SUSAP KMHTK6FP24   P      010WAVBOK6EA0E  I    IF                                + 02800     18000                G  S
        SUSAP KMHTK6FP24   P      020ONGEEK6EA0E  F 051TF                  23850061    + 01800                RW24  K6PGG  S
        SUSAP KMHTK6FP24   P      030RW24 K6PG0GY M 031TF                  23850047      00292            -304          G  S
        SUSAP KMHTK6FP24   P      040         0  M  010CA                  2385        + 00666                          G  S
        SUSAP KMHTK6FP24   P      050CON  K6D 0VY  R010DF                                + 05000                          G  S
        SUSAP KMHTK6FP24   P      060CON  K6D 0VE HR020HM                  15080050    + 05000                          G  S

                1         2         3         4         5         6         7         8         9         0         1         2         3
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			DEC 20 2007	DATED: 08-08-2002

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RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMHTK6GRW24     0076502384 N42563764W071254725-0300          00242000050150

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMHTK6SRW24 K6PG                0 25180035                        M
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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CON	CON	010		IF		FB				
	CON	PUTRE	020	IAF	TF		FB	2.0	133.7(118T)	011.3	03000
	CON	WAVBO	030		TF		FB	1.0	148.4(132T)	005.0	02800
	ENE	ENE	010	IAF	IF		FB				
	ENE	WAVBO	020		TF		FB	1.0	249.9(234T)	035.4	02800
	LWM	LWM	010		IF		FB				
	LWM	FABIG	020	IAF	TF		FB	2.0	003.3(347T)	017.2	03000
	LWM	WAVBO	030		TF		FB	1.0	328.5(313T)	005.0	02800
		WAVBO	010	FACF	IF		FB				02800
		ONGEE	020	FAF	TF		FB	0.5	238.5(223T)	006.1	01800
		RW24	030	MAP	TF		FO	0.3	238.5(223T)	004.7	00292

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	238.5(223T)		00666
	CON	050		DF	R	FO	1.0			05000
	CON	060		HM	R	FO	2.0	150.8(135T)	005.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CON	N431311.19	W0713431.66	N4313.187	W07134.528
	ENE	N432532.50	W0703648.70	N4325.542	W07036.812
	LWM	N424425.51	W0710541.43	N4244.425	W07105.691
	FABIG	N430111.72	W0711050.53	N4301.195	W07110.842
	ONGEE	N430004.59	W0712129.41	N4300.077	W07121.490
	PUTRE	N430756.63	W0712054.78	N4307.944	W07120.913
	WAVBO	N430434.29	W0711552.38	N4304.572	W07115.873
	RW24	N425637.64	W0712547.25	N4256.627	W07125.788

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW24	00242	50

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