

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV (RNP) - 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		RNP: DA					
HEVNU (IF)		CUBMO (TF) (FB) (RNP 1.00)		218.90 / 4.07				3000		CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 3000 DIRECT KILMA AND HOLD.					
CUBMO		OSUSE (TF) (FB) (RNP 1.00)		218.89 / 1.75				2500							
OSUSE (FAF)		RW22L (MAP) (TF) (FO)		218.88 / 7.68						ADDITIONAL FLIGHT DATA: HOLD W, RT, 072.00 INBOUND. DISTANCE TO THLD FROM 425 HAT: 1.20 NM. CHART MANDATORY 3000 AT CUBMO. ROUTE TYPE QUALIFIER 1: F ROUTE TYPE QUALIFIER 2: S ROUTE TYPE: A, H #TCH: 53.4 MSL (DO NOT CHART)					
RW22L (MAP)		600 MSL (CA)		218.88				600							
600 MSL		KILMA (DF) (FO)						3000							
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)										MAG VAR: 13W EPOCH YEAR: 1985					
2. PROFILE STARTS AT HEVNU															
3. FAC: 218.88 FAF: _____ DIST FAF TO MAP: _____ THLD: _____															
4. MIN. ALT: HEVNU 3000, CUBMO 3000, OSUSE 2500															
5. DIST TO THLD FROM OM: 7.68 MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____															
6. MIN GS INCPT: 2500 GS ALT AT: OSUSE 2500 OM: _____ MM: _____ IM: _____															
7. GS ANGLE: 3.00 TCH: 42.8 # 34:1 IS CLEAR															
8. MSA FROM: RW22L 2900															
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
AUTHORIZATION REQUIRED															
RNP 0.30 DA	436	5000	425	436	5000	425	436	5000	425	436	5000	425			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -13C (9F) OR ABOVE 54C (130F). CHART NOTE: GPS REQUIRED. CHART PLANVIEW NOTE: RADAR REQUIRED. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).															
CITY AND STATE NEWARK, NJ		ELEVATION: 17 TDZE: 11 AIRPORT NAME: NEWARK LIBERTY INTL		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (RNP) Y RWY 22L, AMDT 1 15 SEPTEMBER 2016						SUP: AMDT: ORIG-H DATED 12/11/2014			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
**RNAV (RNP) - STANDARD,
INSTRUMENT APPROACH PROCEDURE, - TITLE 14 CFR PART 97.33**

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QUALITY
25
CHECKED

CITY AND STATE
NEWARK, NJ

ELEVATION: 17 TDZE: 11
AIRPORT NAME:
NEWARK LIBERTY INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (RNP) Y RWY 22L, AMDT 1
15 SEPTEMBER 2016

SUP:
AMDT: **ORIG-H**
DATED: **12/11/2014**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33

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ARINC SUMMARY - KEWR

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
	010	HEVNU	IF	FB								AA 03000		E I
	011	CUBMO	TF	FB	1.0							AT 03000		E
	020	OSUSE	TF	FB	1.0					RW22L		AA 02500		E F
	030	RW22L	TF	FO	0.3			3.00				AT 00053		GY M
	040		CA	FB		218.9						AA 00600		M
	050	KILMA	DF	FO								AA 03000		EY
	060	KILMA	HM	FO		072.0			R			AA 03000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
KILMA	N402909.70	W0742408.82
CUBMO	N405022.06	W0740415.89
HEVNU	N405401.85	W0740155.35
OSUSE	N404847.39	W0740516.36

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW22L	N404152.30	W0740940.87	00011	42.8

QUALITY
28
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