

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								
TETER (IF)	GIMEE (TF) (FB) (RNP 1.00)	212.60 / 3.40	2500	CLIMB TO 2000 ON TRACK 288.05 TO MUFIE AND HOLD.								
GIMEE	JIMLO (RF) (FB) (RNP 1.00)	(3.04 NM RADIUS CCW UGAQO)/3.58	2500									
JIMLO (FAF)	*COPKO/2.40 NM TO RW29 (RF) (FB)	(2.10 NM RADIUS CW XODYU)/5.23	2000	ADDITIONAL FLIGHT DATA: HOLD W, RT, 107.90 INBOUND. CHART FAS OBST: 235 CRANE 404147N/0740853W CHART FAS OBST: 174 CRANE 404142N/0740838W CHART MULTIPLE OBSTACLE SYMBOL AT 404206N/0740908W AND HEIGHT OF 64 MSL. DISTANCE TO THLD FROM 451 HATH: 1.23 NM. ROUTE TYPE QUALIFIER 1: P ROUTE TYPE: A, R ROUTE TYPE QUALIFIER 2: S # TCH 69.5 MSL (DO NOT CHART)								
COPKO/2.40 NM TO RW29	*RW29 (MAP) (TF) (FO)	288.04 / 2.40										
RW29 (MAP)	MUFIE (TF) (FO) (RNP 1.00)	288.05 / 11.07										
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 TETER 3. FAC: <u> </u> * FAF: <u> </u> *SEE TERMINAL ROUTES FROM JIMLO DIST FAF TO MAP: <u> </u> THLD: <u> </u> 4. MIN. ALT: TETER 3000, GIMEE 2500 5. DIST TO THLD FROM OM: <u> </u> 7.63 MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u> </u> 2500 GS ALT AT: JIMLO 2500, COPKO 834 OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u> </u> 3.00 TCH: 60.0# 34:1 IS NOT CLEAR 8. MSA FROM: RW29 2900								MAG VAR: 13W EPOCH YEAR: 1985				
MINIMUMS												
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A X								
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
AUTHORIZATION REQUIRED												
RNP 0.16 DA	461	1 1/2	451	461	1 1/2	451	461	1 1/2	451	461	1 1/2	451
RNP 0.30** DA	530	1 3/4	520	530	1 3/4	520	530	1 3/4	520	530	1 3/4	520
RNP 0.30 DA	573	1 7/8	563	573	1 7/8	563	573	1 7/8	563	573	1 7/8	563
NOTES: CHART NOTE: **MISSED APPROACH REQUIRES A MINIMUM CLIMB OF 417 FEET PER NM TO 800. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -12C (11F) OR ABOVE 43C (110F). CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. (SEE FORM 8260-10)												
CITY AND STATE		ELEVATION: 18 THRE: 10		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:				
NEWARK, NJ		AIRPORT NAME:		RNAV		RNAV (RNP) Y RWY 29, AMDT 1		AMDT: ORIG-C				
		NEWARK LIBERTY INTL				26 JULY 2012		DATED 06/30/2011				

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.

NOTES, (CONT.):

CHART NOTE: RF REQUIRED.

CHART NOTE: GPS REQUIRED.

CHART PLANVIEW NOTE: RADAR REQUIRED.

CHART PLANVIEW NOTE AT GIMEE: MAX 200 KIAS.

QUALITY
1
CHECKED

CITY AND STATE

NEWARK, NJ

ELEVATION: 18

THRE: 10

AIRPORT NAME:

NEWARK LIBERTY INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (RNP) Y RWY 29, AMDT 1

26 JULY 2012

SUP:

AMDT: ORIG-C

DATED: 06/30/2011

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.

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KEWRK6FH29-Y H		010TETERK6EA0E	I	IF				+ 03000	18000	RW29	K6PGA	FS
SUSAP	KEWRK6FH29-Y H		011GIMEEK6EA0E		010TF				+ 02500	200		A-FS	
SUSAP	KEWRK6FH29-Y H		020JIMLOK6EA1E	FL010RF		0030402126	14530036	+ 02500			UGAQO	K6EAA	FS
SUSAP	KEWRK6FH29-Y H		020JIMLOK6EA2W						A031A162				FS
SUSAP	KEWRK6FH29-Y H		021COPKOK6EA0E	R031RF		0021001453	28800052				-300XODYU	K6EAA	FS
SUSAP	KEWRK6FH29-Y H		030RW29 K6PG0GY M	031TF					00070		-300	A FS	
SUSAP	KEWRK6FH29-Y H		040MUFIEK6EA0EYM	010TF				+ 02000				A FS	
SUSAP	KEWRK6FH29-Y H		050MUFIEK6EA0EE	R	HM		10790040	+ 02000				A FS	

[illegible][illegible]

CITY AND STATE NEWARK, NJ	ELEVATION: 18 THRE: 10	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (RNP) Y RWY 29, AMDT 1 26 JULY 2012	SUP:
	AIRPORT NAME: NEWARK LIBERTY INTL	RNAV		AMDT: ORIG-C
				DATED: 06/30/2011

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

ARINC SUMMARY - 424-18 - RNAV (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		TETER	010	FACF	IF		FB				AA 03000	
		GIMEE	011		TF		FB	1.0			AA 02500	AB 200
		JIMLO	020	FAF	RF	L	FB	1.0		003.6	AA 02500	
		COPKO	021		RF	R	FB	0.3		005.2		
		RW29	030	MAP	TF		FO	0.3			AT 00070	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	MUFIE	040		TF		FO	1.0			AA 02000	
	MUFIE	050		HM	R	FO		107.9 (094.9T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	COPKO	N404151.90	W0740617.85	N4041.865	W07406.298
	GIMEE	N404847.27	W0740516.45	N4048.788	W07405.274
	JIMLO	N404530.75	W0740411.73	N4045.513	W07404.196
	MUFIE	N404301.85	W0742356.61	N4043.031	W07423.944
	TETER	N405159.58	W0740346.32	N4051.993	W07403.772
	UGAQO	N404745.93	W0740129.81	N4047.766	W07401.497
	XODYU	N404357.50	W0740603.29	N4043.958	W07406.055
	RW29	N404204.51	W0740926.45	N4042.075	W07409.441

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW29	00010	60

CITY AND STATE NEWARK, NJ	ELEVATION: 18	THRE: 10	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (RNP) Y RWY 29, AMDT 1 26 JULY 2012	SUP:
	AIRPORT NAME: NEWARK LIBERTY INTL				AMDT: ORIG-C
					DATED: 06/30/2011