

US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

**RNAV - STANDARD  
INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.33**

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TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
JFK VOR/DME	JUBIL (FB)	041.86 / 10.17	2000	LPV: DA LNAV/VNAV: DA LNAV: RW14	
JUBIL (IAF)	LAAZE (FB)	059.58 / 5.38	2000	CLIMB TO 1800 THEN CLIMBING LEFT TURN TO 3000 DIRECT DPK VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.	
ODALE (IAF)	LAAZE (FB)	236.18 / 7.20	2000		
LAAZE (IF)	ALABE (FB)	146.13 / 6.05	1400		
ALABE (FAF)	RW14 (MAP) (FO)	146.20 / 3.97	1800		
RW14 (MAP)	1800 MSL	146.20	1800		
1800 MSL	DPK VOR/DME (FO)		3000	ADDITIONAL FLIGHT DATA: HOLD N, RT, 200.00 INBOUND. CHART FAS OBST: 228 TANK 404411N/0732614W CHART FAS OBST: 297 TANK 404451N/0732647W 568 AAO 404702N/0732759W. DISTANCE TO THLD FROM 200 HATH: 0.44 NM. CHART VDP AT 1.36 MILES TO RW14* *LNAV ONLY. WAAS CHANNEL # 69612 REFERENCE PATH ID: W14A LTP HAE: -7.5 M	

1. PT      SIDE OF COURSE      OUTBOUND      FT WITHIN      MILES OF      (IAF)
2. PROFILE STARTS AT LAAZE
3. FAC: 146.20 FAF: ALABE DIST FAF TO MAP: 3.97 THLD: 3.97
4. MIN. ALT: LAAZE 2000, ALABE 1400
5. DIST TO THLD FROM OM:      MM:      IM: 150 HAT: 100 HAT:      GS ANT:
6. MIN GS INCPT: 1400 GS ALT AT: ALABE 1400 OM:      MM:      IM:
7. GS ANGLE: 3.00 TCH: 59.7 34:1 IS NOT CLEAR
8. MSA FROM: RW14 2600

MAG VAR: 14W EPOCH YEAR: 2000

**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
LPV DA	277	3/4	200	277	3/4	200	277	3/4	200	277	3/4	200			
LNAV/VNAV DA	389	3/4	312	389	3/4	312	389	3/4	312	389	3/4	312			
LNAV MDA	560	3/4	483	560	3/4	483	560	1	483	560	1	483			
CIRCLING	560	1	480	600	1	520	720	1 3/4	640	720	2	640			

NOTES:  
 CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 1 AND RWY 32 NA AT NIGHT. @ NA WHEN LOCAL WEATHER NOT AVAILABLE.  
 CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV.  
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F).  
 CHART NOTE: DME/DME RNP-0.3 NA.  
 (SEE FORM 8260-10)

CITY AND STATE FARMINGDALE, NY	ELEVATION: 80 THRE: 77 AIRPORT NAME: REPUBLIC	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 14, AMDT 2A 15 NOVEMBER 2012	SUP: AMDT: 2 DATED 07/26/2012
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NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON JFK VOR/DME AIRWAY RADIALS 052 CW 078.

CHART NOTE: FOR INOPERATIVE MALSR: INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1; LNAV CATS A/B VISIBILITY TO 1; LNAV CATS C/D VISIBILITY TO 1 3/8.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING ISLIP ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ISLIP ALTIMETER SETTING: INCREASE LPV

ALL CATS DA TO 314; INCREASE LNAV/VNAV ALL CATS DA TO 426; INCREASE ALL MDA 40 FEET AND CIRCLING

CATS C/D VISIBILITY 1/4 MILE; INOPERATIVE TABLE DOES NOT APPLY TO LPV; FOR INOPERATIVE MALSR

INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/8 AND LNAV CATS A/B VISIBILITY TO 1.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ODALE ON V451 EASTBOUND.

CHART PLANVIEW NOTE: LIMIT MISSED APPROACH TO 215 KIAS.



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	AIRPORT NAME: REPUBLIC			RNAV (GPS) Y RWY 14, AMDT 2A	AMDT: 2
				15 NOVEMBER 2012	DATED: 07/26/2012

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFRG
RUNWAY	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	404400.1855N
LTP/FTP LONGITUDE	0732511.7490W
LTP/FTP ELLIPSOIDAL HEIGHT	-00075
FPAP LATITUDE	404300.2500N
FPAP LONGITUDE	0732345.0000W
THRESHOLD CROSSING HEIGHT (TCH)	00059.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0872
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER 968FC846

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00236
FPAP ORTHOMETRIC HEIGHT	+00236

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**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICES - FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	JFK	JFK	010		IF		FB					
	JFK	JUBIL	020	IAF	TF		FB	2.0	041.9 (027.9T)	010.2	AA 02000	
	JFK	LAAZE	030		TF		FB	1.0	059.6 (045.6T)	005.4	AA 02000	
	ODALE	ODALE	010	IAF	IF		FB					
	ODALE	LAAZE	020		TF		FB	1.0	236.2 (222.2T)	007.2	AA 02000	
		LAAZE	010	FACF	IF		FB					
		ALABE	020	FAF	TF		FB	0.5	146.1 (132.1T)	006.1	AA 01400	
		RW14	030	MAP	TF		FO	0.3	146.2 (132.2T)	004.0	AT 00137	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		146.2 (132.2T)		AA 01800	
	DPK	050		DF	L	FO				AA 03000	AB 215
	DPK	060		HM	R	FO		200.0 (186.0T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DPK	N404730.36	W0731813.24	N4047.506	W07318.221
	JFK	N403758.40	W0734617.00	N4037.973	W07346.283
	ALABE	N404640.19	W0732903.64	N4046.670	W07329.061
	JUBIL	N404658.19	W0734001.60	N4046.970	W07340.027
	LAAZE	N405044.01	W0733457.98	N4050.734	W07334.966
	ODALE	N405604.29	W0732836.03	N4056.072	W07328.601
	RW14	N404400.19	W0732511.75	N4044.003	W07325.196

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW14	00077	60

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	AIRPORT NAME: <b>REPUBLIC</b>		<b>RNAV</b>	<b>RNAV (GPS) Y RWY 14, AMDT 2A</b> 15 NOVEMBER 2012	AMDT: <b>2</b>
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