

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.											
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION															
TERMINAL ROUTES						MISSED APPROACH									
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
LGA VOR/DME	BLINZ (FB)	077.00 / 16.27	2000	LPV: DA LNAV/VNAV: DA LNAV: RW19 CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 3000 DIRECT DPK VOR/DME AND HOLD.											
ZOSAB (IAF)	DEBYE (FB)	271.86 / 6.90	2000												
BLINZ (IAF)	DEBYE (FB)	103.08 / 6.01	2000												
DEBYE (IF)	MOIRE (FB)	193.17 / 6.38	1500												
MOIRE (FAF)	RW19 (MAP) (FO)	193.17 / 4.01													
RW19 (MAP)	2000 MSL	193.17	2000												
2000 MSL	DPK VOR/DME (FO)		3000												
				ADDITIONAL FLIGHT DATA: HOLD N, RT, 200.00 INBOUND. CHART FAS OBST: 235 TANK 404511N/0732512W CHART FAS OBST: 279 T-L TWR 404540N/0732544W CHART: 579 TOWER 404807N/0732601W DISTANCE TO THLD FROM 267 HATH: 0.61 NM. WAAS CHANNEL # 81924 REFERENCE PATH ID: W19A LTP HAE: -7.4 M											
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 DEBYE															
3. FAC: <u>193.17</u> FAF: <u>MOIRE</u> DIST FAF TO MAP: <u>4.01</u> THLD: <u>4.01</u>															
4. MIN. ALT: DEBYE 2000, MOIRE 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>1500</u> GS ALT AT: <u>MOIRE 1500</u> OM: <u> </u> MM: <u> </u> IM: <u> </u>															
7. GS ANGLE: <u>3.20</u> TCH: <u>60.0</u> 34:1 IS NOT CLEAR															
8. MSA FROM: RW19 2600															
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	345	1	267	345	1	267	345	1	267						
LNAV/VNAV DA	521	1 3/8	443	521	1 3/8	443	521	1 3/8	443						
LNAV MDA	540	1	462	540	1	462	540	1 3/8	462	540	1 3/8	462			
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: BARO-VNAV NA WHEN USING ISLIP ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 19 PROCEDURE NA AT NIGHT. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 80		THRE: 78		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
FARMINGDALE, NY		AIRPORT NAME:		REPUBLIC		RNAV		RNAV (GPS) RWY 19, AMDT 2 26 JULY 2012				AMDT: 1			
												DATED 08/25/2011			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON LGA VOR/DME AIRWAY RADIALS 044 CW 075.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

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

ALL DA TO 382; INCREASE LNAV/VNAV ALL DA TO 558 AND ALL MDA 40 FEET; INCREASE LNAV/VNAV CATS

A/B/C VISIBILITY 1/8 MILE; INCREASE AND CIRCLING CATS C/D VISIBILITY 1/4 MILE.

CHART PLANVIEW NOTE: RADAR REQUIRED FOR PROCEDURE ENTRY AT ZOSAB.

CITY AND STATE

FARMINGDALE, NY

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RNAV (GPS) RWY 19, AMDT 2
26 JULY 2012

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

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KFRG
RUNWAY RW19
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W19A
LTP/FTP LATITUDE 404404.9915N
LTP/FTP LONGITUDE 0732452.2150W
LTP/FTP ELLIPSOIDAL HEIGHT -00074
FPAP LATITUDE 404235.8400N
FPAP LONGITUDE 0732450.5200W
THRESHOLD CROSSING HEIGHT (TCH) 00060.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.20
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1312
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

8D78DD7D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K6
LTP ORTHOMETRIC HEIGHT +00237
FPAP ORTHOMETRIC HEIGHT +00237

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ARINC PACKET - 424-8 - RNAV (GPS)

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KFRGK6FR19	ALGA	010LGA	K6D	0V	IF				18000		A	JS
SUSAP	KFRGK6FR19	ALGA	020BLINZK6EA0E	A	020TF		07700163	+	02000			A	JS
SUSAP	KFRGK6FR19	ALGA	030DEBYEK6EA0EE	B	010TF		10310060	+	02000			A	JS
SUSAP	KFRGK6FR19	AZOSAB	010ZOSABK6EA0E	A	IF					18000		A	JS
SUSAP	KFRGK6FR19	AZOSAB	020DEBYEK6EA0EE	B	010TF		27190069	+	02000			A	JS
SUSAP	KFRGK6FR19	R	010DEBYEK6EA0E	I	IF					18000		A	JS
SUSAP	KFRGK6FR19	R	020MOIREK6EA1E	F	051TF		19320064	+	01500		RW19	K6PGA	JS
SUSAP	KFRGK6FR19	R	020MOIREK6EA2WALPV			ALNAV/VNAV	ALNAV						JS
SUSAP	KFRGK6FR19	R	030RW19	K6PGOGY	M	031TF	19320040		00138	-320		A	JS
SUSAP	KFRGK6FR19	R	040	0	M	CA	1932	+	02000			A	JS
SUSAP	KFRGK6FR19	R	050DPK	K6D	0VY	L	DF		+	03000		A	JS
SUSAP	KFRGK6FR19	R	060DPK	K6D	0VE	R	HM	20000040	+	03000		A	JS

[illegible][illegible]

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[illegible]

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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
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ARINC SUMMARY - 424-8 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	LGA	LGA	010		IF		FB					
	LGA	BLINZ	020	IAF	TF		FB	2.0	077.0 (063.0T)	016.3	AA 02000	
	LGA	DEBYE	030		TF		FB	1.0	103.1 (089.1T)	006.0	AA 02000	
	ZOSAB	ZOSAB	010	IAF	IF		FB					
	ZOSAB	DEBYE	020		TF		FB	1.0	271.9 (257.9T)	006.9	AA 02000	
		DEBYE	010	FACF	IF		FB				AA 02000	
		MOIRE	020	FAF	TF		FB	0.5	193.2 (179.2T)	006.4	AA 01500	
		RW19	030	MAP	TF		FO	0.3	193.2 (179.2T)	004.0	AT 00138	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		193.2 (179.2T)		AA 02000	
	DPK	050		DF	L	FO				AA 03000	
	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
	LGA	N404701.38	W0735206.96	N4047.023	W07352.116
	BLINZ	N405423.21	W0733259.94	N4054.387	W07332.999
	DEBYE	N405428.71	W0732504.13	N4054.479	W07325.069
	MOIRE	N404805.74	W0732456.81	N4048.096	W07324.947
	ZOSAB	N405556.19	W0731610.12	N4055.937	W07316.169
	RW19	N404404.99	W0732452.22	N4044.083	W07324.870

RUNWAY DATA	THRESHOLD		TCH
	RWY	ELEVATION	
	RW19	00078	60

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