

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT</u> LAGUARDIA	<u>AIRPORT ID</u> KLGA	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 31	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> NEW YORK	<u>STATE</u> NY	
<u>AIRPORT ELEVATION</u> 21	<u>TDZE</u> 7	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u> 12W	<u>EPOCH YEAR</u> 1980
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 28 FEBRUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> 02/28/2019	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
FEDEM	IAF	DRIES		TF	FB	1.00	059.45	11.46	4000
DRIES	IAF	WASBO		TF	FB	1.00	069.23	11.79	3000
WASBO	IAF	JABAD		TF	FB	1.00	158.29	5.63	3000
JABAD	IAF	BIPKE		TF	FB	1.00	248.27	6.95	3000
BIPKE	IAF	GEMKE		TF	FB	1.00	248.09	4.71	2000
GEMKE	IF	NYJET		TF	FB	1.00	248.43	5.62	1700
NYJET		MANLL		TF	FB	1.00	301.92	1.89	1200
MANLL	FAF	RW31	MAP	TF	FO	0.30	313.03	3.47	
RW31	MAP	700 MSL		CA			313.03		700
700 MSL		CEPOG		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LNAV/VNAV: DA
 LNAV: RW31

MISSED APPROACH INSTRUCTIONS:

(DO NOT EXCEED 220 KIAS UNTIL CEPOG) CLIMB TO 700 THEN CLIMBING RIGHT TURN TO 2000 DIRECT CEPOG AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. PROFILE STARTS AT GEMKE

3. FAC:

313.03

FAF: MANLL

DIST FAF TO MAP: 3.47

DIST FAF TO THLD: 3.47

4. MIN ALT: GEMKE 2000, NYJET 1700, MANLL 1200

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

611 HAT: 1.71

GS ANT:

6. MIN GP INCPT:

1200

GP ALT AT FAF : MANLL 1200

OM:

MM:

IM:

7. GP ANGLE:

3.10

34:1: IS NOT CLEAR

20:1: IS NOT CLEAR

TCH: 50.0

8. MSA FROM: RW31 2900

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: CIRCLING NA FOR CAT D NW OF RWY 4 AND SW OF RWY 13.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12°C OR ABOVE 48°C.
CHART SPEED ICON IN PLANVIEW AT WASBO: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT GEMKE: MAX 180 KIAS.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART PLANVIEW NOTE: FINAL APPROACH OFFSET 1.15 DEGREES.
CHART FAS OBST: 379 BUILDING 404410N/0734828W.
HOLD SW, RT, 044.00 INBOUND

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - CAT C, D 1100-3

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LNAV/VNAV DA	618	1 3/4	611	618	1 3/4	611	618	1 3/4	611	618	1 3/4	611			
LNAV MDA	640	5500	633	640	5500	633	640	1 3/4	633	640	1 3/4	633			
CIRCLING	680	1	659	680	1	659	1080	3	1059	1080	3	1059			

CHANGES - REASONS

ORIGINAL PROCEDURE.



COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZNY, N90, LGA ATCT, APT MGR

FLIGHT CHECKED BY

PENDING

Digitally signed by
ROBERT G HAMILTON

OFFICE

DATE

Dec 11, 2018

DEVELOPED BY

DAVID DANNER (JOHN BURCH)

Digitally signed by

ROBERT G HAMILTON

Dec 11, 2018

OFFICE

AJV-5421

DATE

09/27/2018

APPROVED BY

JULIE MORGAN

Digitally signed by

ROBERT G HAMILTON

Dec 11, 2018

OFFICE

AJV-5420

DATE

TITLE
MANAGER