

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV - 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.

AIRPORT LAGUARDIA	AIRPORT ID KLGA	PROCEDURE NAME RNAV (GPS) X RWY 31	ORIGINAL/AMENDMENT ORIG	CITY NEW YORK	STATE NY
AIRPORT ELEVATION 21	TDZE 7	SUPERSEDED	ORIGINAL/AMENDMENT ORIG	DATED 04/22/2021	MAG VAR 12W
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 24 MARCH 2022	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 1980	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
GGREG	IAF	ZARID		TF	FB	1.00	228.11	10.77	4000
ZARID		VADDR		TF	FB	1.00	317.12	5.81	4000
VADDR		JACIE		TF	FB	1.00	276.38	7.62	4000
JACIE		NECOL		TF	FB	1.00	217.91	14.65	4000
NECOL		VARAZ		TF	FB	1.00	127.89	4.35	4000
VARAZ	IAF	BENNG		TF	FB	1.00	44.00	5.73	3000
BENNG		PACHU		TF	FB	1.00	44.04	4.24	3000
PACHU	IF	SHAYY		TF	FB	1.00	45.33	2.58	2500
SHAYY		GACAR		TF	FB	1.00	59.12	2.00	2200
GACAR	FAF	@DRRYL	MAP	TF	FB	0.30	089.09	3.11	
\$DRRYL	MAP	@KEYTH		TF	FB	0.30	044.14	1.06	
KEYTH		@DCTRK		TF	FB	0.30	359.14	1.06	
DCTRK		@RW31		TF	FO	0.30	314.15	1.08	
RW31		421 MSL		CA			314.15		
421 MSL		GREKO		DF	FO	1.00			2000

MISSED APPROACH

MAP:
DRRYL

QUALITY
16
CHECKED

MISSED APPROACH INSTRUCTIONS:
(DO NOT EXCEED 165 KAIS UNTIL RWY 31 THEN DO NOT EXCEED 210 KIAS UNTIL GREKO)
CLIMB TO 2000 ON FMS LATERAL PATH TO RW31, THEN CLIMBING RIGHT TURN DIRECT GREKO AND HOLD. IF UNABLE TO FOLLOW THE FMS LATERAL PATH, TURN LEFT HEADING 024.64 AND CLIMB TO 2000 DIRECT GREKO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

- PROFILE:**
1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)
2. PROFILE STARTS AT BENNG
3. FAC: @ FAF: GACAR DIST FAF TO MAP: 3.11 DIST FAF TO THLD: 6.31
4. MIN ALT: BENNG 3000, PACHU 3000, SHAYY 2500, GACAR 2200
5. DIST TO THLD FROM FAF: MM: IM: 150 HAT: HAT:
6. MIN GP INCPT: GP ALT AT FAF: GACAR 2200, *DRRYL 1142, *KEYTH 782, *DCTRK 422 MM: IM:
7. GP ANGLE: 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH:
8. MSA FROM: RW31 2900

PBN EQUIPMENT REQUIREMENTS NOTES:
RNP APCH - GPS
EQUIPMENT REQUIREMENT NOTE: RADAR REQUIRED

NOTES:
CHART PLANVIEW NOTE: TURNS REQUIRED IN THE VISUAL SEGMENT.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLE NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART SPEED ICON IN PLANVIEW AT GGREG: MAX 240 KIAS.
CHART SPEED ICON IN PLANVIEW AT NECOL: MAX 200 KIAS.
CHART SPEED ICON IN PLANVIEW AT VARAZ: MAX 200 KIAS.
CHART SPEED ICON IN PLANVIEW AT SHAYY: MAX 180 KIAS.
CHART NOTE: RWY 31 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: CROSS DRRYL, FLY VISUAL TO AIRPORT ALONG DEPICTED TRACK 044 TO KEYTH THEN 359 TO DCTRK, THEN 314 TO RWY 31.

ADDITIONAL FLIGHT DATA:
HOLD NE, LT, 223.00 INBOUND
CHART FAS OBS: 380 BLDG (36-002382) 404342N/0735104W
CHART: 344 BLDG 404513N/0734925W
CHART: 376 BLDG 404533N/0735125W
CHART: 385 BLD-TWR 404418N/0735553W
GACAR TO RW31: 3.20/50
CHART MANDATORY 4000 AT GGREG
\$THIS MAY RESULT IN THE NEED TO LABEL RW31 AS THE MAP FOR PACKING PURPOSES (DO NOT CHART).
* CHECK ALT

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



ALTERNATE: NA ☐ CAT A-D 1200 - 4

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 MDA	1160	4	1153	1160	4	1153	1160	4	1153	1160	4	1153				

CHANGES - REASONS

01/11/22: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 10/29/21.

1. ADDED "CHART PLANVIEW NOTE: CROSS DRRYL, FLY VISUAL TO AIRPORT ALONG DEPICTED TRACK 044 TO KEYTH THEN 359 TO DCTRK, THEN 314 TO RWY 31" TO NOTES - TO CLARIFY VISUAL SEGMENT INSTRUCTIONS

COORDINATED WITH:

A4A ☒
ALPA ☒
AOPA ☒
APA ☒
HAI ☐
NBAA ☒
OTHER: N90, AMGR

Digitally signed by

FLIGHT CHECKED BY

BOB S PRESSLER

ALLAN WILL

Jan 19, 2022

OFFICE

FPO

DATE

01/11/2022

DEVELOPED BY

KELLIE BARNES

Digitally signed by

KELLIE R BARNES

Jan 11, 2022

OFFICE

AJV-A423

DATE

10/29/2021

APPROVED BY

MARLON ROBINSON

Digitally signed by

ALLAN WILL

Jan 19, 2022

OFFICE

AJV-A420

DATE

TITLE

MANAGER

