

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29**

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 ID</u> KLGA	<u>PROCEDURE NAME</u> ILS OR LOC RWY 4	<u>ORIGINAL/AMENDMENT</u> 38A	<u>CITY</u> NEW YORK	<u>STATE</u> NY		
<u>AIRPORT ELEVATION</u> 21	<u>TDZE</u> 21	<u>SUPERSEDED</u> ILS OR LOC RWY 4	<u>ORIGINAL/AMENDMENT</u> 38	<u>DATED</u> 12/30/2021	<u>MAG VAR</u> 12W	<u>EPOCH YEAR</u> 1980
<u>FACILITY</u> I-LGA	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 23 FEBRUARY 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
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	044.00	5.73	3000
BENNG	IF	RAHEL		TF	FB	1.00	044.04	5.95	1800
RAHEL		DNNIS		TF	FB	1.00	044.09	1.13	1700

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.87 NM AFTER DNNIS INT/I-LGA 6.18 DME OR AT I-LGA 1.31 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 ON LGA VOR/DME R-043 TO GREKO INT/LGA 5.71 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 2000 DIRECT GREKO AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000.

QUALITY
16
CHECKED

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. PROFILE STARTS AT BENNG

3. FAC: 044.13 FAF: DNNIS INT/I-LGA 6.18 DME DIST FAF TO MAP: 4.87 DIST FAF TO THLD: 4.87

4. MIN ALT: BENNG 3000, RAHEL 1800, DNNIS INT/I-LGA 6.18 DME 1700, WARIN INT/I-LGA 3.00 DME 640

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 1102

6. MIN GS INCPT: 1700 GS ALT AT PFAF : DNNIS INT/I-LGA 6.18 DME 1700 OM: MM: IM:

7. GS ANGLE: 3.14 34:1: 20:1: TCH: 54.4

8. MSA FROM: LGA VOR/DME 010-190 2100, 190-010 3000

EQUIPMENT REQUIREMENTS NOTES:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 4 HELICOPTER VISIBILITY REDUCTION BELOW RVR 5000 NOT AUTHORIZED.

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 4 ALL CATS, S-LOC 4 CATS A AND B AND WARIN FIX MINIMUMS CATS A AND B.

CHART NOTE: FOR INOPERATIVE ALS INCREASE S-ILS 4 ALL CATS VISIBILITY TO RVR 4500.

CHART NOTE: GOING BELOW GLIDEPATH MAY NOT PROVIDE OBSTACLE CLEARANCE INSIDE DA.

CHART NOTE: CROSSING RWY THRESHOLD BELOW CHARTED TCH MAY NOT PROVIDE REQUIRED VISUAL AREA OBSTACLE CLEARANCE.

CHART NOTE: DME FROM LGA VOR/DME.

CHART NOTE: AUTOPILOT COUPLE APPROACH NA.

CHART NOTE: CIRCLING NA NW OF RWY 4 AND SW OF RWY 13.

CHART NOTE: # RVR 2400 AUTHORIZED WITH USE OF FD OR HUD TO DA.

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.

ADDITIONAL FLIGHT DATA:

CHART IN PLANVIEW CRI VOR/DME

HOLD NE, LT, 222.80 INBOUND.

CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE GREKO, LT, 223.00 INBOUND.

CHART FAS OBST: 310 BUILDING (36-197694) 404438N/0735447W.

CHART IN PLANVIEW: GREKO.

CHART CIRCLING ICON.



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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD - CAT D 800-2 1/4

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
S-ILS 04#	283	4000	262	283	4000	262	283	4000	262	283	4000	262			
S-LOC 04	640	5000	619	640	5000	619	640	1 3/8	619	640	1 3/8	619			
CIRCLING	680	1	659	680	1	659	700	2	679	760	2 1/4	739			
WARIN FIX MINIMUMS (DUAL VOR RECEIVERS OR DME REQUIRED)															
S-LOC 04	560	5000	539	560	5000	539	560	5500	539	560	5500	539			
CIRCLING	680	1	659	680	1	659	700	2	679	760	2 1/4	739			

CHANGES - REASONS

1. RAISED MIN ALT ON NECOL TO VARAZ TERMINAL ROUTE FROM 3000 TO 4000 - ATC REQUEST TO MATCH RNAV (GPS) X RWY 31 PROCEDURE AT KLGA.
2. REMOVED INTERMEDIATE STEPDOWN AT PACHU - ATC REQUEST: CONFUSING DUE TO FIX USED ON NUMEROUS PROCEDURES TO DIFFERENT RUNWAYS. STEPDOWN NOT DRIVEN BY OBSTACLE OR AIRSPACE.
3. REMOVED (RNAV 1-GPS REQUIRED) NOTE FROM ALTERNATE MISSED INSTRUCTIONS - RNP APCH-GPS NOTE CHARTED AS PBN REQUIREMENTS NOTE COVERS ALL RNAV SEGMENTS.
4. CHANGED FAS OBSTACLE FROM "302 TOWER (36-000188) 404438N/0735427W" TO "310 BUILDING (36-197694) 404438N/0735447W." - UPDATED ELEVATION, NO CHANGE IN MINIMUMS.

COORDINATED WITH:

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

FLIGHT CHECKED BY
DANIEL KIRBY

DEVELOPED BY
KELLY DEAN

APPROVED BY
ERIC N SUSKI

Digitally signed by
ERIC N SUSKI
Jan 11, 2023

Digitally signed by
KELLY D DEAN
Nov 03, 2022

Digitally signed by
ERIC N SUSKI
Nov 16, 2022

OFFICE
FPO

OFFICE
AJV-A431

OFFICE
AJV-A431

DATE
01/08/2023

DATE
10/19/2022

DATE

TITLE
MANAGER

