

**FEDERAL AVIATION ADMINISTRATION  
 FLIGHT STANDARDS SERVICE  
 GLS 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> KEWR	<u>PROCEDURE NAME</u> GLS RWY 22L	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> NEWARK	<u>STATE</u> NJ	
<u>AIRPORT ELEVATION</u> 17	<u>TDZE</u> 11	<u>SUPERSEDED</u> GLS RWY 22L	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 02/23/2023	<u>MAG VAR</u> 13W
<u>FACILITY</u> GLS	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 APRIL 2023	<u>REQUIRED EFFECTIVE DATE</u> 04/20/2023	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1985

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
PATRN	IAF	IZEKO		TF	FB	1.00	163.41	7.20	3000
IZEKO	IF	GIMEE		TF	FB	1.00	218.90	1.57	2500
GIMEE		ZAVPI		TF	FB	1.00	218.87	1.57	2000
ZAVPI		BUZZD	PFAF	TF	FB	1.00	218.87	1.57	1500
BUZZD	PFAF	RW22L	MAP	TF	FO	0.30	218.86	4.54	
RW22L	MAP	211 MSL		CA			218.86		
211 MSL		TAYCU		DF	FB	1.000			
TAYCU		KILMA		TF	FO	1.0000	252.20	8.00	3000

**MISSED APPROACH**

**MAP:**  
GLS: DA

**MISSED APPROACH INSTRUCTIONS:**  
CLIMB TO 3000 DIRECT TAYCU AND ON TRACK 252.20 TO KILMA AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



**PROFILE:**

- 1. PT                SIDE OF COURSE                                OUTBOUND                                FT WITHIN                                MILES OF                                (IAF)
- 2. PROFILE STARTS AT IZEKO
- 3. FAC: 218.86                                PFAF: BUZZD                                DIST PFAF TO MAP: 4.54                                DIST PFAF TO THLD:
- 4. MIN ALT:    IZEKO 3000, GIMEE 2500, ZAVPI 2000, BUZZD 1500
- 5. DIST TO THLD FROM PFAF: 4.54                                MM:                                IM:                                150 HAT:                                200 HAT: 0.49                                GS ANT:
- 6. MIN GP INCP: 1500                                GP ALT AT PFAF: BUZZD 1500                                OM:                                MM:                                IM:
- 7. GP ANGLE: 3.00                                34:1: IS CLEAR                                20:1: IS CLEAR                                TCH: 42.8
- 8. MSA FROM:    RW22L 2900

**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 211.  
 CHART PROFILE NOTE: VGSI AND GLS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
 CHART SPEED ICON IN PLANVIEW AT IZEKO: MAX 210 KIAS.

**ADDITIONAL FLIGHT DATA:**

LTP HAE: -29.1 M.  
 HOLD W, RT, 072.00 INBOUND.  
 GBAS CHANNEL # 21494  
 REFERENCE PATH ID: G22A

**MINIMUMS:**

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

ALTERNATE: NA

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
GLS DA	211	1800	200	211	1800	200	211	1800	200	211	1800	200			

**CHANGES - REASONS**

- 1. FAS DATA: CHANGED REFERENCE PATH DATA SELECTOR FROM 1 TO 3- CORRECTED ADMINISTRATIVE ERROR.
- 2. CRC REMAINDER CHANGED FROM 0BBD8EB0 TO 93C1D48D - FAS DATA CHANGES.



**COORDINATED WITH:**

**A4A**  **ALPA**  **AOPA**  **APA**  **HAI**  **NBAA**  **OTHER:** EWR ATCT, NY TRACON, ZNY, AMGR

**FLIGHT CHECKED BY**

PENDING

*Digitally signed by*  
**CASIMIR L TABAKA**  
Feb 10, 2023

**OFFICE**  
FIOG

**DATE**

**DEVELOPED BY**  
JOSEPH L. ZEDER

*Digitally signed by*  
**CASIMIR L TABAKA**  
Feb 09, 2023

**OFFICE**  
AJV-A433

**DATE**  
02/09/2023

**APPROVED BY**  
CASIMIR TABAKA

*Digitally signed by*  
**CASIMIR L TABAKA**  
Feb 09, 2023

**OFFICE**  
AJV-A433

**DATE**

**TITLE**  
MANAGER



**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
GLSOR STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARD SERVICE - FAR PART 97.33**

Bearings, headings courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RAAltitudes 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.

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	14
AIRPORT IDENTIFIER	KEWR
RUNWAY	RW22L
APPROACH PERFORMANCE DESIGNATOR	1
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	3
REFERENCE PATH IDENTIFIER (APPROACH ID)	G22A
LTP/FTP LATITUDE	404152.2970N
LTP/FTP LONGITUDE	0740940.8730W
LTP/FTP ELLIPSOIDAL HEIGHT	-00291
FPAP LATITUDE	404032.0430N
FPAP LONGITUDE	0741031.8940W
THRESHOLD CROSSING HEIGHT (TCH)	00042.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0248
HORIZONTAL ALERT LIMIT (HAL)	
VERTICAL ALERT LIMIT (VAL)	
<u>CRC REMAINDER</u>	93C1D48D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00032
FPAP ORTHOMETRIC HEIGHT	+00032

QUALITY  
31  
CHECKED

CITY AND STATE NEWARK, NJ	ELEVATION:	TDZE:11	FACILITY	PROCEDURE NO./AMDT NO./ GLS RWY 22L, 1A	SUP: GLS RWY 22L
	AIRPORT NAME		IDENTIFIER:		AMDT: 1
	NEWARK LIBERTY INTL		RNAV		EFFECTIVE DATE: 04/20/2023