

**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.

AIRPORT ID FRG	PROCEDURE NAME RNAV (GPS) RWY 1	ORIGINAL/AMENDMENT 3B	CITY FARMINGDALE	STATE NY
AIRPORT ELEVATION 82	TDZE 74	SUPERSEDED RNAV (GPS) RWY 1	ORIGINAL/AMENDMENT 3A	DATED 03/24/2022
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 22 JANUARY 2026	REQUIRED EFFECTIVE DATE ROUTINE	MAG VAR 14W
				EPOCH YEAR 2000
				CANCEL/SUSPEND

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
WULUG	IAF	BLAND		TF	FB	1.00	283.52	6.51	2000
ZACHS	IAF	BLAND		TF	FB	1.00	097.76	6.58	2000
BLAND	IF	DEUCE		TF	FB	1.00	013.18	6.22	1600
DEUCE	FAF	XAREW/2.50 NM TO RW01		TF	FB	0.30	013.18	2.21	
XAREW/2.50 NM TO RW01		RW01	MAP	TF	FO	0.30	013.18	2.50	
RW01	MAP	800 MSL		CA			013.18		800
800 MSL		DPK VOR/DME		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW01

MISSED APPROACH INSTRUCTIONS:

(DO NOT EXCEED 190 KIAS UNTIL DPK VOR/DME) CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 3000 DIRECT DPK VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT BLAND
- FAC: 013.18 FAF: DEUCE DIST FAF TO MAP: 4.71 DIST FAF TO THLD: 4.71
- MIN ALT: BLAND 2000, DEUCE 1600, XAREW/2.50 NM TO RW01 880
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 261 HAT: 0.73 GS ANT: IM:
- MIN GP INCPT: 1600 GP ALT AT PFAF: DEUCE 1600 OM: MM: IM:
- GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 37.0
- MSA FROM: RW01 2900



PBN REQUIREMENTS NOTE:

RNP APCH - GPS

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: RWY 1 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART SPEED ICON IN PLANVIEW AT BLAND: MAX 225 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 200.00 INBOUND.
CHART FAS OBST: 199 CONTROL TOWER (36-001202) 404339N/0732504W.
CHART VDP AT 1.13 NM TO RW01.
WAAS CHANNEL # 82524
REFERENCE PATH ID: W01A
LTP HAE: -11.7 M

MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT C 800-2 1/4, CAT D 1000-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

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
LPV DA	335	7/8	261	335	7/8	261	335	7/8	261	335	7/8	261			
LNAV/VNAV DA	370	7/8	296	370	7/8	296	370	7/8	296	370	7/8	296			
LNAV MDA	460	1	386	460	1	386	460	1 1/8	386	460	1 1/8	386			
CIRCLING	640	1	558	720	1	638	860	2 1/4	778	1000	3	918			

CHANGES - REASONS

- AIRPORT ELEVATION CHANGED FROM 80 TO 82 AND TDZE FROM 72 TO 74 - NEW SURVEY DATA.
- NOTES: ADDED "CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})." - P-NOTAM UPDATE.
- ADDITIONAL FLIGHT DATA: AMENDED LTP HAE FROM "-11.8M" TO "-11.7M". - DUE TO UPDATED LTP/FTP LAT/LONG UPDATE.
- MINIMUMS: AMENDED LPV HAT FROM "263" TO "261." - DUE TO AIRPORT ELEVATION CHANGE FROM "80" TO "82."
- MINIMUMS: AMENDED LNAV/VNAV HAT FROM "298" TO "296." - DUE TO AIRPORT ELEVATION CHANGE FROM "80" TO "82."
- MINIMUMS: AMENDED LNAV HAT FROM "388" TO "386." - DUE TO AIRPORT ELEVATION CHANGE FROM "80" TO "82."
- MINIMUMS: AMENDED CIRCLING CAT A HAA FROM "560" TO "558", CAT B HAA FROM "640" TO "638", CAT C HAA FROM "780" TO "778", CAT D HAA FROM "920" TO "918". - DUE TO AIRPORT ELEVATION CHANGE FROM "80" TO "82."
- FAS DATA BLOCK INFORMATION: AMENDED CRC REMAINDER FROM "EBC70967" TO "40933653." - DUE TO LTP LAT/LONG UPDATED FROM "404322.3560N/0732451.4110W" TO "404322.3540N/0732451.4125W", LTP ELLIPSOIDAL HEIGHT UPDATED FROM "-00118" TO "-00117", FPAP LAT/LONG UPDATED FROM "404451.5035N/0732453.0925W" TO "404451.5015N/0732453.0955W", HORIZONTAL ALERT LIMIT (HAL) UPDATED FROM "50" TO "40", AND VERTICAL ALERT LIMIT (VAL) UPDATED FROM "40" TO "50".



AIRPORT ID
FRG

PROCEDURE NAME
RNAV (GPS) RWY 1

ORIGINAL/AMENDMENT
3B

CITY
FARMINGDALE

STATE
NY

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA

OTHER: ZEW, NY TRACON, FRG ATCT, AMGR

FLIGHT CHECKED BY
MICHAEL G CAMPBELL

Digitally signed by
ROBERT G HAMILTON
Sep 12, 2025

OFFICE
AJF

DATE
09/06/2025

DEVELOPED BY
CORY SLANE

Digitally signed by
ROBERT G HAMILTON
Sep 12, 2025

OFFICE
AJV-A433

DATE
07/01/2025

APPROVED BY
ROBERT G HAMILTON

Digitally signed by
ROBERT G HAMILTON
Sep 12, 2025

OFFICE
AJV-A433

DATE

TITLE
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFRG
RUNWAY	RW01
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W01A
LTP/FTP LATITUDE	404322.3540N
LTP/FTP LONGITUDE	0732451.4125W
LTP/FTP ELLIPSOIDAL HEIGHT	-00117
FPAP LATITUDE	404451.5015N
FPAP LONGITUDE	0732453.0955W
THRESHOLD CROSSING HEIGHT (TCH)	00037.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	40933653

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00194
FPAP ORTHOMETRIC HEIGHT	+00194

QUALITY
37
CHECKED