

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 ID</u> GSO	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 14	<u>ORIGINAL/AMENDMENT</u> 2B	<u>CITY</u> GREENSBORO	<u>STATE</u> NC
<u>AIRPORT ELEVATION</u> 926	<u>TDZE</u> 926	<u>SUPERSEDED</u> RNAV (GPS) RWY 14	<u>DATED</u> 03/26/2020	<u>MAG VAR</u> 8W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 16 MAY 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2010
			<u>CANCEL/SUSPEND</u>	

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 053/30 CW 233/30	NOPT	053/7 CW 233/7		4900
2. 053/7 CW 233/7		FAMOV	IF/IAF	3200
3. 233/30 CW 323/30		COKIM	IAF	3200
4. 323/30 CW 053/30		323/20 CW 053/20		4700
5. 323/20 CW 053/20		HERIP	IAF	3200

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
HERIP	IAF	FAMOV	NOPT	TF	FB	1.00	053.01	5.00	3200
COKIM	IAF	FAMOV	NOPT	TF	FB	1.00	233.09	5.00	3200
FAMOV	IF/IAF	GUKPE		TF	FB	1.00	143.05	6.10	2700
GUKPE	FAF	ZOLPO/1.70 NM TO RW14		TF	FB	0.30	143.10	3.61	
ZOLPO/1.70 NM TO RW14		RW14	MAP	TF	FO	0.30	143.10	1.70	
RW14	MAP	1126 MSL		CA			143.10		
1126 MSL		IRKUW		DF	FO	1.00			3700

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW14

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3700 DIRECT IRKUW AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3700.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD NW FAMOV, RT, 143.05 INBOUND, 3200 FT. IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	143.10	FAF:	GUKPE	DIST FAF TO MAP:	5.31	DIST FAF TO THLD:	5.31							
4.	MIN ALT:	FAMOV 3200, GUKPE 2700, ZOLPO/1.70 NM TO RW14 1520													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		200 HAT:	0.44	GS ANT:				
6.	MIN GP INCPT:	2700	GP ALT AT PFAF:	GUKPE 2700			OM:				MM:			IM:	
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	59.1							
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -7°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 323.26 INBOUND.
CHART FAS OBST: 1127 TANK (37-001648) 360720N/0795735W.
1239 AAO 360849N/0800223W.
CHART VDP AT 1.18 NM TO RW14.
WAAS CHANNEL # 93919
REFERENCE PATH ID: W14A
CHART CIRCLING ICON.
LTP HAE: 250.4 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 800-2 1/4, CAT D 800-2 1/2

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	1126	3/4	200	1126	3/4	200	1126	3/4	200	1126	3/4	200			
LNAV/VNAV DA	1424	1 3/8	498	1424	1 3/8	498	1424	1 3/8	498	1424	1 3/8	498			
LNAV MDA	1360	1	434	1360	1	434	1360	1 1/4	434	1360	1 1/4	434			
CIRCLING	1440	1	514	1440	1	514	1700	2 1/4	774	1700	2 1/2	774			



CHANGES - REASONS

1. INCORPORATED P-NOTAM FDC 9/2119 FOR AMDT 2A.
2. TDZE CHANGED FROM "925" TO "926" -- UPDATED DATA.
3. ADDED FINAL AND MA SEGMENTS IN TERMINAL ROUTES -- UPDATED IAW 8260.19I, 8-6-4.
4. ADDED "CONTINUE CLIMB-IN-HOLD TO 3700" TO MA INSTRUCTIONS -- CALCULATED AIRCRAFT ALTITUDE AT IRKUW IS BELOW 3700 MSL.
5. ADDED "MAX 6000" IN PROFILE LINE 2 -- UPDATED IAW 8260.19I, 8-6-7.B(2).
6. DELETED ASTERISK AT ZOLPO IN PROFILE LINE 4 AND "* LNAV ONLY" IN ADDITIONAL FLIGHT DATA -- UPDATED IAW 8260.19I, 1-1-5.F(12).
7. ADDED "20:1 IS CLEAR" IN PROFILE LINE 7 -- UPDATED IAW 8260.19I, 8-6-7.G(3)(A).
8. DELETED CHART NOTE "DME/DME RNP-0.3 NA" AND ADDED PBN REQUIREMENTS NOTE "RNP APCH - GPS" -- UPDATED IAW 8260.19I, 8-6-8.B(2).
9. CHANGED "47C" TO "54C" AND DELETED FAHRENHEIT TEMPERATURES FROM UNCOMPENSATED BARO-VNAV NOTE -- UPDATED IAW 8260.19I, 8-6-9.R.
10. DELETED BACKUP ALTIMETER NOTES -- KGSO HAS REDUNDANT ALTIMETER SOURCES.
11. DELETED "CHART FAS OBST: 1039 TREE 360607N/0795806W" IN ADDITIONAL FLIGHT DATA -- UPDATED IAW 8260.19I, 8-6-10.C.
12. ADDED ID TO CHART FAS OBST IN ADDITIONAL FLIGHT DATA -- UPDATED IAW 8260.19I, 8-6-10.C.
13. CHANGED LPV DA FROM "1125" TO "1126" AND LNAV/VNAV DA FROM "1423" TO "1424" -- TDZE CHANGED.
14. CHANGED LNAV/VNAV VISIBILITY ALL CATS FROM "1 3/4" TO "1 3/8", LNAV VISIBILITY CAT C/D FROM "1 1/2" TO "1 1/4" -- UPDATED IAW 8260.3E VISIBILITY TABLES.
15. MISSED APPROACH HOLDING COURSE CHANGED FROM "323.25" TO "323.26" IN ADDITIONAL FLIGHT DATA -- CHANGED ON IRKUW 8260-2 REV 4.
16. CHANGED UNCOMPENSATED BARO-VNAV NOTE MINIMUM TEMPERATURE FROM "-16C" TO "-7C" -- NEW ACT HISTORY 2019-2023.

COORDINATED WITH:

A4A☒ ALPA☒ AOPA☒ APA☒ HAI☐ NBAA☒ OTHER:

ZTL, GSO APP CON, GSO ATCT, AMGR

FLIGHT CHECKED BY

JON D HOLLAND

Digitally signed by

ALLAN WILL

OFFICE

FPO

DATE

02/29/2024

Digitally signed by

ALLAN WILL

OFFICE

AJV-A423

DATE

08/14/2023

DEVELOPED BY

ALLAN WILL (DANIEL C JOHNSEN)

Digitally signed by

ALLAN WILL

OFFICE

AJV-A423

DATE

APPROVED BY

ALLAN WILL

TITLE

MANAGER



AIRPORT ID
GSO

PROCEDURE NAME
RNAV (GPS) RWY 14

ORIGINAL/AMENDMENT
2B

CITY
GREENSBORO

STATE
NC

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGSO
RUNWAY	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	360558.1280N
LTP/FTP LONGITUDE	0795708.8050W
LTP/FTP ELLIPSOIDAL HEIGHT	+02504
FPAP LATITUDE	360454.8600N
FPAP LONGITUDE	0795551.2900W
THRESHOLD CROSSING HEIGHT (TCH)	00059.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0808
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER	6125680D
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02821
FPAP ORTHOMETRIC HEIGHT	+02821

