

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</u> WOKAL FIELD/GLASGOW-VALLEY COUNTY	<u>AIRPORT ID</u> KGGW	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 30	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> GLASGOW	<u>STATE</u> MT
<u>AIRPORT ELEVATION</u> 2296	<u>TDZE</u> 2294	<u>SUPERSEDED</u> RNAV (GPS) RWY 30	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 12/11/2014	<u>MAG VAR</u> 11E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 15 AUGUST 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2010

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>
GGW VOR/DME		HUKAL		TF	FO	1.00	122.22	12.24	5700
NEGAE	IAF	HUKAL	NOPT	TF	FB	1.00	234.86	11.84	5700
JITAG	IAF	HUKAL	NOPT	TF	FB	1.00	009.08	11.71	5700
HUKAL	IF/IAF	EZCUP		TF	FB	1.00	303.07	6.15	4000
EZCUP	FAF	RW30	MAP	TF	FO	0.30	302.99	5.25	
RW30	MAP	2494 MSL		CA			302.99		
2494 MSL		CETAD		DF	FB	1.00			
CETAD		KEEVR		TF	FO	1.00	260.60	20.97	6500

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW30

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 6500 DIRECT CETAD AND ON TRACK 260.60 TO KEEVR AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)
2. HOLD SE HUKAL, RT, 303.07 INBOUND, 5700 FT. IN LIEU OF PT (IAF), MAX 14000.
3. FAC: 302.99FAF: EZCUPDIST FAF TO MAP: 5.25DIST FAF TO THLD: 5.25
4. MIN ALT: HUKAL 5700, EZCUP 4000
5. DIST TO THLD FROM OM:MM:IM:150 HAT:200 HAT: 0.50GS ANT:
6. MIN GP INCPT: 4000GP ALT AT FAF : EZCUP 4000OM:MM:IM:
7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 40.0
8. MSA FROM: RW30 4400

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -14C OR ABOVE +54C.
NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WOLF POINT ALTIMETER SETTING AND INCREASE ALL DA 141 FEET AND ALL MDA 160 FEET AND INCREASE LPV VISIBILITY ALL CATS 3/8 SM, LNAV/VNAV VISIBILITY ALL CATS 1/2 SM, LNAV VISIBILITY CATS C AND D 1/2 SM, AND CIRCLING VISIBILITY CATS C AND D 1/4 SM.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING WOLF POINT ALTIMETER SETTING

ADDITIONAL FLIGHT DATA:

2499 AAO 480743N/1063152W
CHART VDP AT 1.17 NM TO RW30*
*LNAV ONLY
WAAS CHANNEL #99620
REFERENCE PATH ID: W30A
FAS OBST: 2439 AAO 481034N/1063221W.
HOLD W, RT, 089.00 INBOUND
LTP HAE: 680.4 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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	2494	3/4	200	2494	3/4	200	2494	3/4	200	2494	3/4	200			
LNAV/VNAV DA	2587	1	293	2587	1	293	2587	1	293	2587	1	293			
LNAV MDA	2700	1	406	2700	1	406	2700	1 1/8	406	2700	1 1/8	406			
CIRCLING	2780	1	484	2780	1	484	2780	1 1/2	484	2860	2	564			



CHANGES - REASONS

1. AIRPORT NAME CHANGED FROM WOKAL FIELD/GLASGOW INTL TO WOKAL FIELD/GLASGOW-VALLEY COUNTY.
2. ADDED MAX HOLDING TO LINE 2 PER 8260.19H SECTION 8-6-7.
3. LPV DA/MDA CHANGED FROM 2487 TO 2494 DUE TO P-NOTAM.
4. LNAV/VNAV DA/MAD CHANGED FROM 2580 TO 2587 DUE TO P-NOTAM.
5. RAISED CA ALTITUDE FROM 2487 TO 2494 - COORRESPONDS TO NEW DA.
6. UPDATED RWY COORDINATES IN FAS DATA FROM 481226.3920N/1063627.7880W TO 481226.3645N/1063627.8710W - UPDATED RWY SURVEY.
7. CRC CHANGED FROM 528AF146 TO 16DDAF1C - RWY COORDINATES CHANGED.
8. UPDATED BARO-VNAV TEMPERATURES - CORRECTED ADMINISTRATIVE ERROR.
9. UPDATED ELLIPSOIDAL HEIGHT FROM +06801 TO +06804 - UPDATED RWY SURVEY

COORDINATED WITH:

A4A☐

ALPA☒

AOPA☒

APA☐

HAI☐

NBAA☒

OTHER: AMGR, ZLC

FLIGHT CHECKED BY

ANTHONY D VALLERA

Digitally signed by

ROBERT G HAMILTON

Mar 07, 2019

OFFICE

FICO

DATE

3/5/19

DEVELOPED BY

ROBERT G HAMILTON (STEVEN DOUGHERTY)

Digitally signed by

ROBERT G HAMILTON

Mar 07, 2019

OFFICE

AJV-A422

DATE

12/28/2018

APPROVED BY

JULIE MORGAN

Digitally signed by

ROBERT G HAMILTON

Mar 07, 2019

OFFICE

AJV-A42

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGGW
RUNWAY	RW30
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	481226.3645N
LTP/FTP LONGITUDE	1063627.8710W
LTP/FTP ELLIPSOIDAL HEIGHT	+06804
FPAP LATITUDE	481328.1400N
FPAP LONGITUDE	1063803.7700W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	16DDAF1C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+06973
FPAP ORTHOMETRIC HEIGHT	+06973

