

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

TERMINAL ROUTES

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JOLIV (IAF)	SHOOS (NOPT) (FB)	350.77 / 5.00	3000
CIPRO (IAF)	SHOOS (NOPT) (FB)	170.73 / 5.00	3000
SHOOS (IF/IAF)	EVEZA (FB)	260.76 / 6.10	2600

LPV: DA
LNAV/VNAV: DA
LNAV: RW26

CLIMB TO 3000 DIRECT ZUKEC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 080.43 INBOUND.
CHART FAS OBST: 1014 TREE 402957N/0841648W
FAS OBST: 1179 AAO 402947N/0841153W
FAS OBST: 1184 AAO 402951N/0841104W
WAAS CHANNEL # 72907
REFERENCE PATH ID: W26A
DISTANCE TO THLD FROM 331 HAT: 0.92 NM

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD E SHOOS, RT, 260.76 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 260.67 FAF: EVEZA DIST FAF TO MAP: 5.11 THLD: 5.11
- MIN. ALT: SHOOS 3000, EVEZA 2600
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2600 GS ALT AT: EVEZA OM: MM: IM:
- GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
- MSA FROM:

MAG VAR: 4W

EPOCH YEAR: 1985

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A	FOR THIS AIRPORT	ALTERNATE: N A	X									
CATEGORY ==>		A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LPV DA	1241	1 1/4	331	1241	1 1/4	331	1241	1 1/4	331		NA					
LNAV/VNAV DA	1274	1 1/4	364	1274	1 1/4	364	1274	1 1/4	364		NA					
LNAV MDA	1440	1	530	1440	1	530	1440	1 1/2	530		NA					
CIRCLING	1440	1	527	1440	1	527	1440	1 1/2	527		NA					

NOTES:

CHART NOTE: BARO-VNAV NA WHEN USING LIMA ALTIMETER SETTING.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F).

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

SEE 8260-10

CITY AND STATE	ELEVATION: 913 TDZE: 910	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WAPAKONETA, OH	AIRPORT NAME: NEIL ARMSTRONG		RNAV (GPS) RWY 26, ORIG 31 JUL 2008	AMDT: NONE
				DATED

QUALITY
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LIMA ALTIMETER SETTING AND INCREASE LPV DA TO 1291, LNAV/VNAV DA TO 1324, AND ALL MDA 60 FEET, INCREASE LNAV/VNAV VISIBILITY ALL CATS 1/4 MILE.

TAA

	FROM	TO	ALT
1.	171/30 CW 351/30 (NOPT)	SHOOS (IF/IAF) (FB)	3000
2.	351/30 CW 081/30	JOLIV (IAF) (FB)	3000
3.	081/30 CW 171/30	CIPRO (IAF) (FB)	3000

CITY AND STATE

WAPAKONETA, OH

ELEVATION: 913

TDZE: 910

AIRPORT NAME:

NEIL ARMSTRONG

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 26, ORIG

31 JUL 2008

SUP:

AMDT: NONE

DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAXV
RUNWAY	RW26
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W26A
LTP/FTP LATITUDE	402942.5305N
LTP/FTP LONGITUDE	0841721.4335W
LTP/FTP ELLIPSOIDAL HEIGHT	+02433
FPAP LATITUDE	402921.8500N
FPAP LONGITUDE	0841915.0300W
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	1144
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

0EAFE3AF

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02769
FPAP ORTHOMETRIC HEIGHT	+02769

CITY AND STATE

WAPAKONETA, OH

ELEVATION: 913 TDZE: 910

AIRPORT NAME:

NEIL ARMSTRONG

FACILITY

IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 26, ORIG

31 JUL 2008

SUP:

AMDT:

NONE

DATED:

QUALITY
2
CHECK

Bearings, headings, courses, 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 in feet RVR.

[illegible][illegible][illegible][illegible][illegible]

Page 4 of 5

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CIPRO	CIPRO	010	IAF	IF		FB				
	CIPRO	SHOOS	020		TF		FB	1.0	170.7 (167T)	005.0	03000
	JOLIV	JOLIV	010	IAF	IF		FB				
	JOLIV	SHOOS	020		TF		FB	1.0	350.8 (347T)	005.0	03000
	SHOOS	SHOOS	010		HF	R	FB		260.8 (257T)	004.0	03000
		SHOOS	010	PACF	IF		FB				03000
		EVEZA	020	FAF	TF		FB	0.5	260.8 (257T)	006.1	02600
		RW26	030	MAP	TF		FO	0.3	260.7 (257T)	005.1	00949

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ZUKEC	040		DF		FO	1.0			03000
	ZUKEC	050		HM	R	FO	2.0	080.4 (076T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CIPRO	N403709.82	W0840433.55	N4037.164	W08404.559
	EVEZA	N403053.49	W0841050.12	N4030.892	W08410.835
	JOLIV	N402725.40	W0840133.17	N4027.423	W08401.553
	SHOOS	N403217.62	W0840303.25	N4032.294	W08403.054
	ZUKEC	N402655.09	W0843235.89	N4026.918	W08432.598
	RW26	N402942.53	W0841721.43	N4029.709	W08417.357

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW26	00909	40

CITY AND STATE
WAPAKONETA, OH

ELEVATION: 913 TDZE: 910
 AIRPORT NAME:
NEIL ARMSTRONG

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 26, ORIG
31 JUL 2008

SUP:
 AMDT: **NONE**
 DATED: