

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION							RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR 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		LPV: DA LNAV/VNAV: DA LNAV: RW36													
ETX VOR/DME				HUMEL (FO)			217.74 / 25.85				2900		CLIMB TO 3000 DIRECT YEWSU AND ON TRACK 302.93 TO DUMMR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.													
PTW VORTAC (IAF)				HUMEL (NOPT) (FB)			276.07 / 17.01				2700															
MXE VORTAC (IAF)				HUMEL (NOPT) (FB)			336.29 / 20.27				2700															
LRP VOR/DME (IAF)				HUMEL (NOPT) (FB)			087.32 / 17.26				2700															
HUMEL (IF/IAF)				SROKA (FB)			004.19 / 6.10				1900															
SROKA (FAF)				VISBY/2.00 NM TO RW36 (FB)			004.18 / 2.70						ADDITIONAL FLIGHT DATA: HOLD SE, RT, 294.51 INBOUND. CHART FAS OBST: 586 BLDG 402011N/0755532W CHART 639 TREE 401845N/0755738W. CHART 739 TREE 401724N/0755800W DISTANCE TO THLD FROM 279 HAT: 0.75 NM. CHART VDP AT 1.12 NM TO RW36* *LNAV ONLY. WAAS CHANNEL # 97412 REFERENCE PATH ID: W36A LTP HAE: 69.4 M													
(SEE FORM 8260-10)																										
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																										
2. HOLD S HUMEL, RT, 004.19 INBOUND, 2700 FT. IN LIEU OF PT (IAF)																										
3. FAC: 004.18 FAF: SROKA DIST FAF TO MAP: 4.70 THLD: 4.70																										
4. MIN. ALT: HUMEL 2700, SROKA 1900, VISBY/2.00 NM TO RW36 1020*																										
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																										
6. MIN GS INCPT: 1900 GS ALT AT: SROKA 1900 OM: _____ MM: _____ IM: _____																										
7. GS ANGLE: 3.00 TCH: 40.4 34:1 IS CLEAR																										
8. MSA FROM: RW36 3100																										
MAG VAR: 12W EPOCH YEAR: 2000																										
MINIMUMS																										
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A			STANDARD @																
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	622	1	279	622	1	279	622	1	279	622	1	279														
LNAV/VNAV DA	835	1 3/4	492	835	1 3/4	492	835	1 3/4	492	835	1 3/4	492														
LNAV MDA	740	1	397	740	1	397	740	1	397	740	1 1/4	397														
CIRCLING																										
	1020	1	676	1020	1	676	1020	2	676	1140	2 1/2	796														
NOTES: CHART NOTE: NIGHT LANDING: RWY 18, 31 NA. CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY. CHART NOTE: BARO-VNAV NA WHEN USING HARRISBURG INTL ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F). (CONTINUED ON PAGE 2)																										
CITY AND STATE READING, PA				ELEVATION: 344 TDZE: 343 AIRPORT NAME: READING RGNL/CARL A SPAATZ FIELD				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, ORIG-B 15 SEPTEMBER 2016				SUP: AMDT: ORIG-A DATED 04/03/2014												

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
VISBY/2.00 NM TO RW36	RW36 (MAP) (FO)	004.18 / 2.00	
RW36 (MAP)	622 MSL	004.18	
622 MSL	YEWSU (FB)		
YEWSU	DUMMR (FO)	302.93	3000

NOTES, (CONT.):

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HARRISBURG INTL ALTIMETER SETTING AND INCREASE LPV DA TO 715 FEET AND VISIBILITY 1/4 MILE, INCREASE LNAV/VNAV DA TO 928 FEET AND VISIBILITY 1/4 MILE AND INCREASE ALL MDA 100 FEET, AND LNAV CATS C AND D VISIBILITY 1/4 MILE, AND CIRCLING CATS B AND C VISIBILITY 1/4 MILE AND CAT D VISIBILITY 1/2 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON LRP VOR/DME AIRWAY RADIALS 030 CW 104, MXE VORTAC AIRWAY RADIALS 283 CW 025, PTW VORTAC AIRWAY RADIALS 231 CW 287, AND ETX VOR/DME AIRWAY RADIALS 234 CW 260.

CITY AND STATE
READING, PA

ELEVATION: 344 TDZE: 343
AIRPORT NAME:
READING RGNL/CARL A SPAATZ FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 36, ORIG-B
15 SEPTEMBER 2016

SUP:
AMDT: ORIG-A
DATED: 04/03/2014

QUALITY
24
CHECKED

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRDG
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	402214.9390N
LTP/FTP LONGITUDE	0755736.5370W
LTP/FTP ELLIPSOIDAL HEIGHT	+00694
FPAP LATITUDE	402305.3600N
FPAP LONGITUDE	0755745.6000W
THRESHOLD CROSSING HEIGHT (TCH)	00040.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1184
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 C7AFFCDF

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01043
FPAP ORTHOMETRIC HEIGHT	+01043

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READING RGNL/CARL A SPAATZ FIELD

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IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 36, ORIG-B
15 SEPTEMBER 2016

SUP: **QUALITY
24
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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33

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ARINC SUMMARY - KRDG

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
ETX	010	ETX	IF	FB										V
ETX	020	HUMEL	TF	FO	2.0	217.7						AA 02900		EY
ETX	030	HUMEL	HF	FO		004.2			R			AA 02700		EE A
LRP	010	LRP	IF	FB										V A
LRP	020	HUMEL	TF	FB	1.0	087.3						AA 02700		EE B
MXE	010	MXE	IF	FB										V A
MXE	020	HUMEL	TF	FB	1.0	336.3						AA 02700		EE B
PTW	010	PTW	IF	FB										V A
PTW	020	HUMEL	TF	FB	1.0	276.1						AA 02700		EE B
	010	HUMEL	IF	FB								AA 02700		E I
	020	SROKA	TF	FB	1.0	004.2				RW36		AA 01900		E F
	021	VISBY	TF	FB	0.3	004.2		3.00				AA 01020 GS 01023		E S
	030	RW36	TF	FO	0.3	004.2		3.00				AT 00383		GY M
	040		CA	FB		004.2						AA 00622		M
	050	YEWSU	DF	FB										E
	060	DUMMR	TF	FO	1.0	302.9						AA 03000		EY
	070	DUMMR	HM	FO		294.5			R			AA 03000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
ETX	N403451.73	W0754102.52
LRP	N400711.91	W0761728.66
MXE	N395505.00	W0754014.91
PTW	N401320.05	W0753336.93
DUMMR	N402810.68	W0760640.18
HUMEL	N401132.50	W0755541.33
SROKA	N401735.18	W0755646.29
VISBY	N402015.97	W0755715.15
YEWSU	N402543.13	W0755813.99

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW36	N402214.94	W0755736.54	00342	40.4

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	AIRPORT NAME: READING RGNL/CARL A SPAATZ FIELD			AMDT: CHECKED ORIG-A
				DATED: 04/30/2014