

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				
ILGEZ (IAF)	WOBVU (FB)	230.24 / 3.86	3200	LNAV: NEWMN LP: NEWMN			
WOBVU (IF)	IMIBE (FB)	208.51 / 7.51	1600				
IMIBE (FAF)	FRLDI/1.80 NM TO NEWMN (FB)	182.27 / 1.40		CLIMBING LEFT TURN TO 3000 DIRECT JOEYL AND HOLD.			
FRLDI/1.80 NM TO NEWMN	NEWMN (MAP) (FO)	182.27 / 1.80					
NEWMN (MAP)	547 MSL	182.27		ADDITIONAL FLIGHT DATA: HOLD NW, RT, 143.32 INBOUND. FAS OBST: 480 AAO 420135N/0735819W 780 AAO 420300N/0735957W WAAS CHANNEL # 40136 REFERENCE PATH ID: W15A CHART CIRCLING ICON CHART ARRIVAL HOLDING AT ILGEZ: HOLD NE, RT, 230.24 INBOUND, 5100 FAC CROSSES RWY C/L EXTENDED 4496 FROM THLD. CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 29.15 DEGREES. LTP HAE: 13.3 M			
547 MSL	JOEYL (FO)		3000				

1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)	
2. PROFILE STARTS AT WOBVU	
3. FAC: <u>182.27</u> FAF: <u>IMIBE</u> DIST FAF TO MAP: <u>3.20</u> THLD: <u>3.86</u>	
4. MIN. ALT: <u>WOBVU 3200, IMIBE 1600, FRLDI/1.80 NM TO NEWMN 1080</u>	
5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u>	
6. MIN GS INCPT: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u>	
7. GS ANGLE: <u> </u> TCH: <u>34:1</u> IS NOT CLEAR	
8. MSA FROM: <u>NEWMN 5400</u>	

MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: <u>N</u> A <u>X</u>					
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
LP MDA	720	1	573	720	1	573		NA			NA				
LNAV MDA	800	1	653	800	1	653		NA			NA				
CIRCLING	800	1	653	960	1 1/4	813		NA			NA				

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
 CHART NOTE: USE HUDSON ALTIMETER SETTING. WHEN NOT RECEIVED, USE NEWBURGH
 ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET.
 (SEE FORM 8260-10)

CITY AND STATE KINGSTON, NY	ELEVATION: 147 TDZE: 147	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 15, AMDT 1 25 JUNE 2015	SUP:
	AIRPORT NAME: KINGSTON-ULSTER			AMDT: ORIG
				DATED 01/10/2013



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NOTES, (CONT.):

CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART NOTE: NIGHT LANDING: RWY 15 NA.
CHART PROFILE NOTE: DESCENT ANGLE NA.

CITY AND STATE

KINGSTON, NY

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

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	20N
RUNWAY	RW15
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W15A
FTP LATITUDE	415912.8425N
FTP LONGITUDE	0735831.2375W
LTP/FTP ELLIPSOIDAL HEIGHT	+00133
FPAP LATITUDE	415745.2590N
FPAP LONGITUDE	0735809.0305W
THRESHOLD CROSSING HEIGHT (TCH)	00000.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	00.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0

CRC REMAINDER

C9EA7914

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00449
FPAP ORTHOMETRIC HEIGHT	+00449

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ARINC PACKET - 424-18 - RNAV (GPS)

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

CITY AND STATE
KINGSTON, NY

ELEVATION: 147	TDZE: 147
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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
 FLIGHT STANDARDS SERVICES - FAR PART 97.33

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/PB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ILGEZ	ILGEZ	010	IAF	IF		FB				AA 05100	
	ILGEZ	WOBVU	020		TF		FB	1.0	230.2 (217.2T)	003.9	AA 03200	
		WOBVU	010	FACF	IF		FB				AA 03200	
		IMIBE	020	FAF	TF		FB	0.5	208.5 (195.5T)	007.5	AA 01600	
		FRLDI	021	SDF	TF		FB	0.3	182.3 (169.3T)	001.4	AA 01080	
		NEWMN	030	MAP	TF		FO	0.3	182.3 (169.3T)	001.8	AT 00800	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/PB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		182.3 (169.3T)		AA 00547	
	JOEYL	050		DF	L	FO				AA 03000	
	JOEYL	060		HM	R	FO		143.3 (130.3T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FRLDI	N420137.15	W0735907.87	N4201.619	W07359.131
	ILGEZ	N421318.27	W0735338.44	N4213.305	W07353.641
	IMIBE	N420259.51	W0735928.79	N4202.992	W07359.480
	JOEYL	N414954.87	W0734219.24	N4149.915	W07342.321
	NEWMN	N415950.99	W0735840.92	N4159.850	W07358.682
	WOBVU	N421013.62	W0735647.11	N4210.227	W07356.785
	RW15	N415916.87	W0735802.72	N4159.281	W07358.045

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW15	00147	00

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