

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: RW24 CLIMB TO 600 THEN CLIMBING LEFT TURN TO 2000 DIRECT BJACK AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 040.00 INBOUND. CHART FAS OBST: 255 T-L TWR 404909N/0730456W CHART: 281 TOWER 405005N/0730351W DISTANCE TO THLD FROM 200 HAT: 0.47 NM. CHART VDP AT 1.16 NM TO RW24* *LNAV ONLY. WAAS CHANNEL # 82610 REFERENCE PATH ID: W24A CHART CIRCLING ICON. LTP HAE: -.9 M									
CCC VOR/DME (IAF)		CORAM (TF) (FB) (RNP 1.00)		278.79 / 6.42				2000											
CORAM (IF)		UKEGE (TF) (FB) (RNP 1.00)		239.12 / 6.06				1400											
UKEGE (FAF)		JUMUM/2.50 NM TO RW24 (TF) (FB) (RNP 0.30)		239.04 / 1.42															
JUMUM/2.50 NM TO RW24		RW24 (MAP) (TF) (FO) (RNP 0.30)		239.04 / 2.50															
RW24 (MAP)		600 MSL (CA)		239.04				2000											
600 MSL		BJACK (DF) (FO) (RNP 1.00)																	
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT CORAM 3. FAC: 239.04 FAF: UKEGE DIST FAF TO MAP: 3.92 THLD: 3.92 4. MIN. ALT: CORAM 2000, UKEGE 1400, JUMUM/2.50 NM TO RW24 940* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 1400 GS ALT AT: UKEGE 1400 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 52.0 34:1 IS CLEAR 8. MSA FROM: RW24 2100																MAG VAR: 14W		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	299	2400	200	299	2400	200	299	2400	200	299	2400	200							
LNAV/VNAV DA	541	5000	442	541	5000	442	541	5000	442	541	5000	442							
LNAV MDA	520	2400	421	520	2400	421	520	4000	421	520	4000	421							
CIRCLING	600	1	501	660	1	561	660	1 1/2	561	960	2 3/4	861							
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). @ CAT D 900-2 3/4 CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CCC VOR/DME AIRWAY RADIALS 193 CW 326.																			
CITY AND STATE NEW YORK, NY		ELEVATION: 99 TDZE: 99 AIRPORT NAME: LONG ISLAND MAC ARTHUR		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 24, AMDT 3						SUP:							
												AMDT: 2							
												DATED 12/10/2015							



ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
				ROUTINE	
COORDINATED WITH:					
ATA	AAT	ALPA	APA	AOPA	NBAA
<div>X</div>	<div></div>	<div>X</div>	<div>X</div>	<div>X</div>	<div>X</div>
OTHER (specify) <u>ZBW, NY TRACON/KISP ATCT, AMGR, EASTERN FPT</u>					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
DAVID TEFFETELLER (DIANE S LAIR)				AJV-5433	08/18/2016
APPROVED BY					
NAME:				FIFO	DATE:
PATRICK MULQUEEN				AJV-5430	
MANAGER					
CHANGES:					
<div>1. MISSED APPROACH INSTRUCTION CHANGED FROM CLIMB TO 600 THEN CLIMBING LEFT TURN TO 2000 DIRECT CCC VOR/DME AND HOLD TO CLIMB TO 600 THEN CLIMBING LEFT TURN TO 2000 DIRECT BJACK AND HOLD.</div> <div>2. CHANGED "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SHIRLEY ALTIMETER SETTING AND INCREASE LPV DA 327 FT, LNAV/VNAV DA 569 FT, AND LNAV/VNAV VISIBILITY ALL CATS TO RVR 6000. ALL MDA 40 FT, AND LNAV CATS C/D VISIBILITY TO RVR 5000, AND CIRCLING CATS C/D VISIBILITY 1/4 MILE" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SHIRLEY ALTIMETER SETTING: INCREASE LPV DA TO 327 FEET, LNAV/VNAV DA TO 569 FEET, AND LNAV/VNAV VISIBILITY ALL CATS TO RVR 6000; INCREASE ALL MDAS 40 FEET, AND LNAV VISIBILITY CATS C/D TO RVR 5000, AND CIRCLING VISIBILITY CATS C/D 1/4 SM" AND REMOVED TO REMARKS SECTION OF 8260-9.</div> <div>3. REMOVED INOPERATIVE MALSR NOTE.</div>					
REASONS:					
<div>1. ATC REQUEST.</div> <div>2. REVISED NOTE IAW 8260.19G PARA 8-6-5L(A), ABLE TO MOVE TO CONTINGENCY OPERATION NOTE BECAUSE PRIMARY ASOS TRANSMITS ON WMSCR.</div> <div>3. IAW 8260.19G PARA 8-6-5M(3)(D).</div>					



**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	KISP
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	404808.0450N
LTP/FTP LONGITUDE	0730540.4065W
LTP/FTP ELLIPSOIDAL HEIGHT	-00009
FPAP LATITUDE	404705.0000N
FPAP LONGITUDE	0730703.3700W
THRESHOLD CROSSING HEIGHT (TCH)	00052.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0616
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
 <u>CRC REMAINDER</u>	 5500A1D4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00301
FPAP ORTHOMETRIC HEIGHT	+00301

QUALITY
24
CHECKED

CITY AND STATE NEW YORK, NY	ELEVATION: 99 AIRPORT NAME: LONG ISLAND MAC ARTHUR	TDZE: 99 RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 24, AMDT 3	SUP:
				AMDT: 2
				DATED: 12/10/2015

ALL AFFECTED PROCEDURES REVIEWED?		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
<input type="checkbox"/> YES <input type="checkbox"/> NO					
COORDINATED WITH:					
ATA	AAT	ALPA	APA	AOPA	NBAA OTHER (specify)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> _____
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD		
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PART - A OBSTRUCTION DATA

[illegible]

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: PRECIPITOUS TERRAIN EVALUATION COMPLETED. ORDER 8260.3 CHAPTER 2 APPLIED TO 281 TOWER 405005N/0730351W WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SHIRLEY ALTIMETER SETTING: INCREASE LPV DA TO 327 FEET, LNAV/VNAV DA TO 569 FEET, AND LNAV/VNAV VISIBILITY ALL CATS TO RVR 6000; INCREASE ALL MDAS 40 FEET, AND LNAV VISIBILITY CATS C/D TO RVR 5000, AND CIRCLING VISIBILITY CATS C/D 1/4 SM. VDP AND BARO-VNAV NA WHEN USING SHIRLEY ALTIMETER SETTING. @NA WHEN LOCAL WEATHER NOT AVAILABLE. BANK ANGLE STA MISSED LEG 1 CHANGED FROM 15 TO 25 DEGREES. ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.81NM CAT C: 2.84NM CAT D: 3.71NM SEE ATTACHED AIRSPACE LETTER. RASS PRESSURE PATTERNS SAME KISP 98.7, KHWV 81.2 RA = 27.17. TAA NA, ATC REQUEST 100FT VEGETATION HEIGHT USED PER FPT MAP STUDY USED TO VERIFY AAO/VEGETATION OBSTACLES. LPV SLOPE: 34:1 LNAV/VNAV SLOPE: 23.44:1 AVERAGE COLD TEMPERATURE BASED ON 5-YEAR HISTORY (2011-2015). CRITICAL TEMPERATURES: CRITICAL LOW: -15C (5F) CRITICAL HIGH: +54C (130F) ACT: -15C APT ISA: +14.80C DELTA ISA LOW: -29.80C CRITICAL LOW TEMP BASED ON ACT DESCENT RATE: STANDARD TEMP 955 HIGH TEMP 1115 TEMPERATURE LIMITS, DELTA ISA LOW, AND DESCENT VALUES DERIVED FROM AFS-400 CALCULATOR. OBS #8, 9, 10 IPDS DERIVED ACCURACY ADJUSTMENT.			
1. COMMUNICATIONS WITH:			2. WEATHER SERVICE			3. ALTIMETER SETTING							
NYC APP CON ISP TOWER				N W S	OTHER: ASOS		SOURCE:KISP / KHWV						
				F A A			DISTANCE: 0 / 10.72						
				A / C			HOURS REMOTE OPERATION: 0/YES / 24/YES						
SATISFACTORY ON:			X	V H F	X	U H F		H F	LOCATION: KISP		ADJUSTMENT: 0 / 28		
4. MONITOR STATUS	PRIMARY NAVAID:		MONITOR POINT:										
			HRS OPTN:	CAT 1									
				CAT 3									
5. APPROACH & RUNWAY LIGHTING		ALS											
		(S) SALS											
	X	MALSR 06, 24											
	X	HIRL 06 (PCL), 24 (PCL)											
	X	MIRL 15R (PCL), 33L (PCL)											
		REIL											
	X	TDZ 24											
	X	C/L 06, 24											
	X	OTHER (SPECIFY) VASI-4L 06, 15R, 24, 33L PAPI-2L 28											
6. RUNWAY MARKINGS		BASIC BSC-G 10, 28											
		ALL WEATHER PIR-G 06, 24											
		INSTRUMENT NPI-G 15R, 33L											
7. RUNWAY VISUAL RANGE		APPROACH 06, 24											
		MIDFIELD											
		ROLL OUT 06, 24											
8. GLIDE PATH		GP ANGLE: 3.00					ELEV RWY THRESHOLD:98.7						
		DISTANCE FROM RWY:					ELEV GP ANTENNA:						
							THRESHOLD CROSSING HEIGHT:52.0						
9. FINAL APPROACH COURSE AIMING			X	RUNWAY THRESHOLD							FT. FROM THRESHOLD		
			X	ON CENTERLINE							FT. FROM CENTERLINE		
10. WAIVERS: NONE													
PART D - PREPARED BY: DAVID TEFFETELLER (DIANE S LAIR)								DATE: 08/18/2016					
TITLE: AERONAUTICAL INFORMATION SPECIALIST								OFFICE: AJV-5433					

