

<b>RNAV - STANDARD</b> <b>US DEPARTMENT OF TRANSPORTATION</b> <b>FEDERAL AVIATION ADMINISTRATION</b>						<b>INSTRUMENT APPROACH PROCEDURE</b> <b>TITLE 14 CFR PART 97.33</b>										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: RW04R  (DO NOT EXCEED 210 KIAS UNTIL GAALO) CLIMB TO 4000 DIRECT GAALO AND ON TRACK 082.67 TO HIRBO AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD W, LT, 079.00 INBOUND. CHART FAS OBST: 210 BLDG 403529N/0734715W. DISTANCE TO THLD FROM 200 HAT: 0.46 NM. CHART VDP AT 1.42 NM TO RW04R* *LNAV ONLY. WAAS CHANNEL # 81819 REFERENCE PATH ID: W04B CHART CIRCLING ICON. LTP HAE: -28.4 M											
VERRU (IF)				EBBEE (TF) (FB) (RNP 1.00)				043.68 / 5.99				1500													
EBBEE (FAF)				RW04R (MAP) (TF) (FO) (RNP 0.30)				043.73 / 4.51																	
RW04R (MAP)				212 MSL (CA)				043.73																	
212 MSL				GAALO (DF) (FB) (RNP 1.00)								4000													
GAALO				HIRBO (TF) (FO) (RNP 1.00)				082.67 / 21.05																	
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT VERRU 3. FAC: <u>043.73</u> FAF: <u>EBBEE</u> DIST FAF TO MAP: <u>4.51</u> THLD: <u>4.51</u> 4. MIN. ALT: <u>VERRU 2000, EBBEE 1500</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>1500</u> GS ALT AT: <u>EBBEE 1500</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>52.7</u> 20:1 IS CLEAR 34:1 IS CLEAR 8. MSA FROM: <u>RW04R 2900</u>																MAG VAR: 13W EPOCH YEAR: 2020									
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	212	1800	200	212	1800	200	212	1800	200	212	1800	200													
LNAV/VNAV DA	369	4000	357	369	4000	357	369	4000	357	369	4000	357													
LNAV MDA	520	2400	508	520	2400	508	520	5500	508	520	5500	508													
CIRCLING																									
	640	1	627	640	1	627	640	1 3/4	627	660	2	647													
NOTES:																									
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12C (11F) OR ABOVE 54C (130F).																									
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.																									
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.																									
CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.																									
(CONTINUED ON PAGE 2)																									
CITY AND STATE				ELEVATION: 13 TDZE: 12				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:									
NEW YORK, NY				AIRPORT NAME:								RNAV (GPS) Y RWY 4R, AMDT 2A				AMDT: 2									
				JOHN F KENNEDY INTL												DATED 08/17/2017									



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:					
A4A <div>X</div>		ALPA <div>X</div>		AOPA <div>X</div>	
APA <div>X</div>		HAI <div></div>		NBAA <div>X</div>	
OTHER (specify) <div>X</div>		ZNY, NY TRACON, JFK ATCT, ARPT MGR			
FLIGHT CHECKED BY					
NAME: FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-333) MEMO, DEC 22, 2017.				FIFO ADOLFO D URRUTIA Jun 06, 2018	
DATE:					
DEVELOPED BY					
NAME: ADOLFO URRUTIA (CHRISTINE BAYSE)				FIFO ADOLFO D URRUTIA Jun 06, 2018	
ADOLFO URRUTIA (CHRISTINE BAYSE)				FIFO AJV-5432	
APPROVED BY				DATE: 12/08/2017	
NAME: PATRICK MULQUEEN				FIFO ADOLFO D URRUTIA MANAGER AJV-5430	
ADOLFO D URRUTIA MANAGER				FIFO AJV-5430	
DATE:					
CHANGES:					
1. CHANGED ALL LPV DA VISIBILITY FROM RVR 2400 TO RVR 1800.					
2. UPDATED TERMINAL ROUTES FROM VERRU TO EBBEE COURSE FROM 044.68 TO 043.68.					
3. UPDATED TERMINAL ROUTES FROM EBBEE TO RW04R COURSE FROM 044.73 TO 043.73.					
4. UPDATED MISSED APPROACH CA LEG COURSE FROM 044.73 TO 043.73.					
5. UPDATED MISSED APPROACH TRACK COURSE FROM 083.67 TO 082.67.					
6. UPDATED LINE 3 FAC COURSE FROM 044.73 TO 043.73.					
7. UPDATED MISSED APPROACH HOLDING COURSE INBOUND FROM 080.00 TO 079.00.					
8. ADDED 20:1 IS CLEAR NOTE TO LINE 7.					
9. REPLACED NOTE "CHART NOTE DME/DME RNP-0.3 NA" WITH "PBN REQUIREMENTS NOTE: RNP APCH".					
10. UPDATED NOTE FROM "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 12C (11F) OR ABOVE 54C (130F)" TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12C (11F) OR ABOVE 54C (130F)".					
11. ADDED NOTE "CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})".					
REASONS:					
1. IAW MEMORANDUM FROM AFS-400 AUTHORIZING 1800 FOR LPV, GLS, AND ILS APPROACH PROCEDURES.					
2-7. KJFK AIRPORT MAG VAR UPDATED FROM 14W (2000) TO 13W (2020).					
8. IAW 8260.19H 8-6-7G(3).					
9. 8260.19H 8-6-8.					
10. TO CORRECT TYPO.					
11. 28 DAY DATA UPDATE, VGSI CHANGED TO 68.5.					
06/05/18: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03/12/18.					
1. LINE 3 FAC CHANGED FROM 044.73 TO 043.73.					
QUALITY 4 CHECKED					

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.

**NOTES, (CONT.):**

**CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).**

**CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 6000 AND LNAV CAT C/D**

**VISIBILITY TO 1 3/8 SM.**

**PBN REQUIREMENTS NOTE: RNP APCH.**

QUALITY  
4  
CHECKED

CITY AND STATE  
**NEW YORK, NY**

**ELEVATION: 13 TDZE: 12**  
AIRPORT NAME:  
**JOHN F KENNEDY INTL**

FACILITY  
IDENTIFIER:  
**RNAV**

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
**RNAV (GPS) Y RWY 4R, AMDT 2A**

SUP:  
AMDT: **2**  
DATED: **08/17/2017**

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
A4A <input type="checkbox"/>	ALPA <input type="checkbox"/>	APA <input type="checkbox"/>	AOPA <input type="checkbox"/>	HAI <input type="checkbox"/>	NBAA <input type="checkbox"/>
OTHER (specify) <input type="checkbox"/> _____					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					



**RNAV 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 INFORMATION****DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KJFK
RUNWAY	RW04R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04B
LTP/FTP LATITUDE	403731.5320N
LTP/FTP LONGITUDE	0734613.2500W
LTP/FTP ELLIPSOIDAL HEIGHT	-00284
FPAP LATITUDE	403848.1430N
FPAP LONGITUDE	0734513.3835W
THRESHOLD CROSSING HEIGHT (TCH)	00052.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0192
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

**CRC REMAINDER**

9324F9EA

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00036
FPAP ORTHOMETRIC HEIGHT	+00036

CITY AND STATE

NEW YORK, NY

ELEVATION: 13

TDZE: 12

AIRPORT NAME:

JOHN F KENNEDY INTL

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Y RWY 4R, AMDT 2A

SUP:

AMDT: 2

DATED: 08/17/2017

QUALITY  
4  
CHECKED

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH: A4A                      ALPA                      APA                      AOPA                      HAI                      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		
--	--	--

PART - A OBSTRUCTION DATA

[illegible]

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: <b>PRECIPITOUS TERRAIN EVALUATION COMPLETED.</b>  <b>VGSI DATA: NONE</b>  <b>CRITICAL TEMPERATURES:</b> <b>CRITICAL LOW :-12C (+11F)</b> <b>CRITICAL HIGH :+54C (+130F)</b> <b>ACT :-12C</b> <b>APT ISA :+14.97C</b>  <b>CRITICAL TEMPERATURE REMARKS</b> <b>AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2012-2016).</b> <b>CRITICAL LOW TEMPERATURE BASED ON ACT.</b> <b>DESCENT RATE (FPM): STANDARD TEMP 954 HIGH TEMP 1114.</b>  <b>ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.</b> <b>CAT A: 1.30NM</b> <b>CAT B: 1.81NM</b> <b>CAT C: 2.84NM</b> <b>CAT D: 3.70NM</b>  <b>NO ADDITIONAL AIRSPACE REQUIRED.</b>  <b>TAA NOT USED, ATC REQUEST.</b>  <b>SAME INTERMEDIATE SEGMENT CONTROLLING OBSTRUCTION FOR LPV, LNAV/VNAV, &amp; LNAV.</b>  <b>VEGETATION ASSUMED TO BE 100 FEET PER FPO.</b>  <b>LPV SURFACE: 34:1</b> <b>LNAV/VNAV SURFACE: 23.11:1</b>  <b>ALL 20:1 PENETRATIONS ARE APPROACH LIGHTS, DISREGARDED IAW 8260.3C PARA 3-3-2C(4)(B)2 NOTE.</b>  <b>TERPS VOLUME 1, "VISUAL PORTION OF FINAL" PENETRATIONS:</b>  <b>CIRCLING RWY 22L:</b> <b>20:1</b> <b>13 LIGHTING (36-103704) 403844.82N/0734516.59W (0.98)</b> <b>13 LIGHTING (36-103705) 403844.38N/0734515.63W (0.99)</b> <b>13 LIGHTING (36-103702) 403844.63N/0734516.17W (0.97)</b> <b>13 LIGHTING (36-113444) 403844.58N/0734516.06W (0.97)</b> <b>13 LIGHTING (36-103706) 403844.79N/0734516.54W (0.99)</b> <b>13 LIGHTING (36-103708) 403844.61N/0734516.13W (0.98)</b> <b>13 LIGHTING (36-103703) 403844.43N/0734515.74W (0.99)</b> <b>13 LIGHTING (36-103707) 403844.59N/0734516.10W (1.00)</b>																			
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE				3. ALTIMETER SETTING																					
ZNY ARTCC NYC APP CON JFK TOWER						N W S		OTHER: <b>ASOS</b>												SOURCE: <b>KJFK</b>									
						F A A														DISTANCE:									
						A / C														HOURS REMOTE OPERATION: <b>0/YES</b>									
SATISFACTORY ON:																													
X		V H F		X		U H F														H F		LOCATION: <b>KJFK</b>				ADJUSTMENT: <b>0</b>			
4. MONITOR STATUS		PRIMARY NAVAID:																											
		MONITOR POINT:																											
		HRS OPTN:		CAT 1																									
				CAT 3																									
5. APPROACH & RUNWAY LIGHTING		X		ALSF-2 04R, 13L, 22L																									
				(S) SALS																									
		X		MALSR 31R																									
		X		HIRL 04L, 04R, 13L, 13R, 22L, 22R, 31L, 31R																									
				MIRL																									
		X		REIL 04L																									
		X		TDZ 04R, 13L, 22L, 31R																									
		X		C/L 04R, 13L, 13R, 22L, 31L, 31R																									
		X		OTHER (SPECIFY) PAPI-4L 04L, 04R, 13L, 13R, 22L, 22R, 31L LDIN 13L																									
6. RUNWAY MARKINGS				BASIC																									
				ALL WEATHER <b>PIR-G 04L, 04R, 13L, 13R, 22L, 22R, 31L, 31R</b>																									
				INSTRUMENT																									
7. RUNWAY VISUAL RANGE				APPROACH <b>04L, 04R, 13L, 13R, 22L, 22R, 31L, 31R</b>																									
				MIDFIELD <b>04L, 04R, 13R, 22L, 22R, 31L, 31R</b>																									
				ROLL OUT <b>04L, 04R, 13L, 13R, 22L, 22R, 31L, 31R</b>																									
8. GLIDE PATH				GP ANGLE: <b>3.00</b>										ELEV RWY THRESHOLD: <b>11.8</b>															
				DISTANCE FROM RWY:										ELEV GP ANTENNA:															
														THRESHOLD CROSSING HEIGHT: <b>52.7</b>															
9. FINAL APPROACH COURSE AIMING						X		RUNWAY THRESHOLD												FT. FROM THRESHOLD									
						X		ON CENTERLINE												FT. FROM CENTERLINE									
10. WAIVERS: <b>NONE</b>																													
PART D - PREPARED BY: <b>ADOLFO URRUTIA (CHRISTINE BAYSE)</b>														DATE: <b>12/08/2017</b>															
TITLE: <b>AERONAUTICAL INFORMATION SPECIALIST</b>														OFFICE: <b>AJV-5432</b>															

