

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: RW15 CLIMB TO 1700 THEN CLIMBING RIGHT TURN TO 4000 DIRECT LISKE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 008.38 INBOUND. CHART FAS OBST: 796 ROD ON OL POLE 415943N/0875537W FAS OBST: 924 AAO 420150N/0875950W DISTANCE TO THLD FROM 200 HAT: 0.46 NM. CHART VDP AT 1.41 MILES TO RW15* *LNAV ONLY. WAAS CHANNEL # 93603 REFERENCE PATH ID: W15A LTP HAE: 169.3 M						
FARMM		OMTUW (FB)		137.03 / 11.82			5000								
UMUZI		OMTUW (FB)		232.87 / 5.38			5000								
OMTUW (IAF)		MISCH (FB)		142.81 / 3.39			5000								
MISCH (IF)		CHSTR (FB)		142.84 / 7.76			2400								
CHSTR (FAF)		RW15 (MAP) (FO)		142.92 / 5.19			1700								
RW15 (MAP)		1700 MSL		142.92			1700								
1700 MSL		LISKE (FO)					4000								
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT OMTUW 3. FAC: 142.92 FAF: CHSTR DIST FAF TO MAP: 5.19 THLD: 5.19 4. MIN. ALT: OMTUW 5000, MISCH 5000, CHSTR 2400 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2400 GS ALT AT: CHSTR 2400 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 56.2 34:1 IS CLEAR 8. MSA FROM: RW15 3400										MAG VAR: 3W		EPOCH YEAR: 2010			
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	868	2400	200	868	2400	200	868	2400	200	868	2400	200			
LNAV/VNAV DA	1068	4500	400	1068	4500	400	1068	4500	400	1068	4500	400			
LNAV MDA	1180	2400	512	1180	2400	512	1180	5500	512	1180	5500	512			
CIRCLING	1220	1	540	1220	1	540	1220	1 1/2	540	1240	2	560			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22C (-7F) OR ABOVE 35C (95F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: RADAR REQUIRED. (CONTINUED ON PAGE 2)															
CITY AND STATE		ELEVATION: 680 TDZE: 668		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP: RNAV (GPS) RWY 14R					
CHICAGO, IL		AIRPORT NAME: CHICAGO O'HARE INTL				RNAV (GPS) RWY 15, AMDT 2D				AMDT: 2C					
										DATED 05/29/2014					



ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input checked="" type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
ROUTINE					
COORDINATED WITH:					
ATA	AAT	ALPA	APA	AOPA	NBAA
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
OTHER (specify) <u>ZAU ARTCC, CHICAGO APP CON, ORD ATCT, AMGR</u>					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY <i>Digitally signed by</i>					
NAME:				FIFO	DATE:
KELLY DEAN				AJV-5411	01/08/2016
APPROVED BY					
NAME:				FIFO	DATE:
GEORGE L. GONZALEZ				AJV-5420	
CHANGES:					
<p>1. PROCEDURE NAME CHANGED FROM RNAV (GPS) RWY 14R TO RNAV (GPS) RWY 15.</p> <p>2. REF PATH IDENTIFER CHANGED FROM W14B TO W15A; CRC REMAINDER CHANGED.</p> <p>3. MSA REFERENCE POINT CHANGED RROM RW14R TO RW15.</p> <p>4. REMOVED ALL SIMULTANEOUS APPROACH AUTHORIZATION NOTES.</p> <p>5. UPDATED CIRCLING HAA FROM 520, ALL CATS.</p>					
REASONS:					
<p>1-4. RWY 14R BEING RENUMBERED TO RWY 15 AND RWY 14L BEING DECOMMISSIONED.</p> <p>5. UPDATE AIRPORT ELEVATION FROM 672.</p>					

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

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NOTES, (CONT.):

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

CHART NOTE: FOR INOPERATIVE ALSF-2, INCREASE LNAV/VNAV VISIBILITY TO RVR 6000 ALL CATS AND LNAV

CAT C/D VISIBILITY TO 1 3/8 MILE.

QUALITY
16
CHECKED

CITY AND STATE

CHICAGO, IL

ELEVATION: 680

TDZE: 668

AIRPORT NAME:

CHICAGO O'HARE INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 15, AMDT 2D

SUP: RNAV (GPS) RWY
14R

AMDT: 2C

DATED: 05/29/2014

ALL AFFECTED PROCEDURES REVIEWED?		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
<div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>					
COORDINATED WITH:					
<div>ATA</div> <div><input type="checkbox"/></div>		<div>AAT</div> <div><input type="checkbox"/></div>		<div>ALPA</div> <div><input type="checkbox"/></div>	
		<div>APA</div> <div><input type="checkbox"/></div>		<div>AOPA</div> <div><input type="checkbox"/></div>	
		<div>NBAA</div> <div><input type="checkbox"/></div>		<div>OTHER (specify)</div> <div><input type="checkbox"/></div> <div></div>	
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**

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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	KORD
RUNWAY	RW15
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W15A
LTP/FTP LATITUDE	415925.5665N
LTP/FTP LONGITUDE	0875559.3030W
LTP/FTP ELLIPSOIDAL HEIGHT	+01693
FPAP LATITUDE	415812.3000N
FPAP LONGITUDE	0875436.8400W
THRESHOLD CROSSING HEIGHT (TCH)	00056.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
 <u>CRC REMAINDER</u>	 3367DE43

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02029
FPAP ORTHOMETRIC HEIGHT	+02028

QUALITY
16
CHECKED

CITY AND STATE CHICAGO, IL	ELEVATION: 680 AIRPORT NAME: CHICAGO O'HARE INTL	TDZE: 668 RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 15, AMDT 2D	SUP: RNAV (GPS) RWY 14R
				AMDT: 2C
				DATED: 05/29/2014

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

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 - KORD

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
FARMM	010	FARMM	IF	FB										E
FARMM	020	OMTUV	TF	FB	2.0	137.0						AA 05000		E A
FARMM	030	MISCH	TF	FB	1.0	142.8						AA 05000		EE B
UMUZI	010	UMUZI	IF	FB										E
UMUZI	020	OMTUV	TF	FB	2.0	232.9						AA 05000		E A
UMUZI	030	MISCH	TF	FB	1.0	142.8						AA 05000		EE B
	010	MISCH	IF	FB								AA 05000		E I
	020	CHSTR	TF	FB	1.0	142.8				RW15		AA 02400		E F
	030	RW15	TF	FO	0.3	142.9		3.00				AT 00722		GY M
	040		CA	FB		142.9						AA 01700		M
	050	LISKE	DF	FO					R			AA 04000		EY
	060	LISKE	HM	FO					R			AA 04000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
CHSTR	N420324.03	W0880028.17
FARMM	N422009.58	W0882133.92
LISKE	N414505.44	W0875745.54
MISCH	N420920.41	W0880711.43
OMTUV	N421155.71	W0881007.71
UMUZI	N421524.12	W0880435.41

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW15	N415925.57	W0875559.30	00666	56.2

QUALITY
16
CHECKED

CITY AND STATE CHICAGO, IL	ELEVATION: 680 TDZE: 668	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 14R
	AIRPORT NAME: CHICAGO O'HARE INTL	RNAV	RNAV (GPS) RWY 15, AMDT 2D	AMDT: 2C
				DATED: 05/29/2015

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

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FEEDER	FARMM	OMTUV	1. TOWER (17-000404)	421533.00N/0882148.00W	1427 (5D)	1000	AT2573	5000
			2. TERRAIN	421812.00N/0882406.00W	1001 (1000)		AS1500	2500
FEEDER	UMUZI	OMTUV	3. TOWER (17-000994)	421412.00N/0880416.00W	1360 (4D)	1000	AT2640	5000
			4. TERRAIN	421454.00N/0880530.00W	929 (900)		AS1500	2400
INITIAL	OMTUV	MISCH	5. TOWER (17-000299)	421117.00N/0880532.00W	1233 (4D)	1000	AT2767	5000
			6. TERRAIN	420842.00N/0880815.00W	916 (900)		AS1500	2400
INTERMEDIATE	MISCH	CHSTR	5. TOWER (17-000299)	421117.00N/0880532.00W	1233 (4D)	500	SA-96	1700
			7. TERRAIN	420842.00N/0880812.00W	919 (900)		AS1500	2400
FINAL: LPV	CHSTR	RW15				ASC		868/200
FINAL: LNAV/VNAV	CHSTR	RW15	8. ROD POLE	415943.08N/0875537.47W	796 (2C)	161	XP89 AC20	1068/400
FINAL: LNAV	CHSTR	RW15	9. AAO	420149.50N/0875949.70W	924 (2C)	250	SA-40 XP46	1180
2. PROCEDURE TURN	NA							
3. MISSED APPROACH	MAP: DA / DA / RW15	LISKE				ASC		4000
	ELEV: 698/905/1080		10. TOWER (17-003567)	414904.71N/0875919.53W	1249 (5D)	1000		2300
			11. TERRAIN	414454.00N/0875948.00W	794 (800)		AS1500	2300
4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT.						
CATEGORY A	1.3 NM	REQUIRED 350	540	12. ATCT (17-021308)	415946.43N/0875456.75W	914 (1A)	300	1220
CATEGORY B	1.5 NM	450	540	12. ATCT (17-021308)	415946.43N/0875456.75W	914 (1A)	300	1220
CATEGORY C	1.7 NM	450	540	12. ATCT (17-021308)	415946.43N/0875456.75W	914 (1A)	300	1220
CATEGORY D	2.3 NM	550	560	12. ATCT (17-021308)	415946.43N/0875456.75W	914 (1A)	300	HAA 1240
CATEGORY E	4.5 NM	550						
5. MINIMUM SAFE ALTITUDES								
				PRIMARY NAVAID: RW15				
SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)
360-360	BLDG (17-000687)	120/14.9	2325 (2D)	3400				
CITY AND STATE	ELEVATION: 680	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION				
CHICAGO, IL	AIRPORT NAME: CHICAGO O'HARE INTL	RNAV	RNAV (GPS) RWY 15, AMDT 2D	AGL				

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: PRECIPITOUS TERRAIN EVALUATION COMPLETED. PROCEDURE CONTAINED WITHIN CLASS B AIRSPACE SAME AS PREVIOUS AMENDMENT. PFAF CHSTR NOT ESTABLISHED AT RNP PFAF LOCATION PER FPO/ATC. FIX MISCH ESTABLISHED AT PFAF LOCATION (NON RNP) AT 5000 PER FPO/ATC REQUEST; SATISFIES DESCENT GRADIENT. TAA NOT DEVELOPED PER AIR TRAFFIC REQUEST. LPV SLOPE: 34:1 LNAV/VNAV SLOPE: 24.08:1 INTERMEDIATE AND MISSED APPROACH LEVEL SURFACE OBSTACLES SAME FOR LPV, LNAV/VNAV AND LNAV. OBS #5 18' INTO SECONDARY AREA. OBS #9 295' INTO SECONDARY AREA. 2. KORD ASOS ON SERVICE-A; HR OPTN: 24. LOCATION: ON AIRPORT. VGSI DATA: 3.00/66.5 BACKUP ALTIMETER NOT ESTABLISHED DUE TO REDUNDANT WEATHER SOURCES AT AIRPORT. AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2006-2010). CRITICAL LOW TEMPERATURE BASED ON ACT. CRITICAL TEMPERATURES: DESCENT RATE: STANDARD TEMP 963 HIGH TEMP 1124. CRITICAL LOW :-19C (-2F) CRITICAL HIGH :+54C (+130F) ACT :-22C APT ISA :+13.65C ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.50NM CAT C: 1.70NM CAT D: 2.30NM NO ADDITIONAL AIRSPACE REQUIRED. XP LNAV FINAL: RAISE TO PREVIOUS MINS. XP LNAV/VNAV FINAL: RAISE TO PREVIOUS MINS.	
1. COMMUNICATIONS WITH:			2. WEATHER SERVICE			3. ALTIMETER SETTING					
ZAU ARTCC CHICAGO APP CON ORD TOWER				N W S	OTHER: ASOS		SOURCE:KORD				
				F A A			DISTANCE:				
				A / C			HOURS REMOTE OPERATION:				
SATISFACTORY ON:											
X	V H F	X	U H F		H F	LOCATION: KORD			ADJUSTMENT: 0		
4. MONITOR STATUS	PRIMARY NAVAID:										
	MONITOR POINT:										
	HRS OPTN:	CAT 1		CAT 3							
5. APPROACH & RUNWAY LIGHTING	X	ALSF-2 09L, 10C, 10L, 10R, 14L, 15, 27L, 27R, 28C, 28L, 28R									
		(S) SALS									
	X	MALSR 04R, 09R, 22L, 22R, 32R									
	X	HIRL 04L, 04R, 09L, 09R, 10C, 10L, 10R, 15, 22L, 22R, 27L, 27R, 28C, 28L, 28R, 33									
		MIRL									
		REIL									
	X	TDZ 04R, 09L, 09R, 10C, 10L, 10R, 15, 22L, 22R, 27L, 27R, 28C, 28L, 28R									
	X	C/L 04L, 04R, 09L, 09R, 10C, 10L, 10R, 22L, 22R, 27L, 27R, 28C, 28L, 28R									
	X	OTHER (SPECIFY) PAPI-4L 09R, 10C, 10L, 22L, 22R, 28C, 28R PAPI-4R 04R, 15, 27L									
6. RUNWAY MARKINGS		BASIC									
		ALL WEATHER		PIR-G 04L, 04R, 09R, 10C, 10L, 10R, 15, 22L, 22R, 27L, 28C, 28L, 28R, 33							
		INSTRUMENT									
7. RUNWAY VISUAL RANGE		APPROACH		04L, 04R, 09L, 09R, 10C, 10L, 10R, 15, 22L, 22R, 27L, 27R, 28C, 28L, 28R							
		MIDFIELD		04R, 09L, 09R, 10C, 10L, 10R, 22L, 27L, 27R, 28C, 28L, 28R							
		ROLL OUT		04L, 04R, 09L, 09R, 10C, 10L, 10R, 22L, 22R, 27L, 27R, 28C, 28L, 28R, 33							
8. GLIDE PATH		GP ANGLE: 3.00				ELEV RWY THRESHOLD:665.6					
		DISTANCE FROM RWY:				ELEV GP ANTENNA:					
						THRESHOLD CROSSING HEIGHT:56.2					
9. FINAL APPROACH COURSE AIMING			X	RUNWAY THRESHOLD					FT. FROM THRESHOLD		
			X	ON CENTERLINE					FT. FROM CENTERLINE		
10. WAIVERS: NONE											
PART D - PREPARED BY: KELLY DEAN						DATE: 01/08/2016					
TITLE: AERONAUTICAL INFORMATION SPECIALIST						OFFICE: AJV-5411					

