

**FEDERAL AVIATION ADMINISTRATION**  
**FLIGHT STANDARDS SERVICE**  
**ILS STANDARD INSTRUMENT APPROACH PROCEDURE**  
**TITLE 14 CFR PART 97.29**

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT</u> CHICAGO O'HARE INTL	<u>AIRPORT ID</u> KORD	<u>PROCEDURE NAME</u> ILS OR LOC RWY 10L ILS RWY 10L SA CAT I, ILS RWY 10L CAT II, ILS RWY 10L CAT III	<u>ORIGINAL/AMENDMENT</u> 19A	<u>CITY</u> CHICAGO	<u>STATE</u> IL	
<u>AIRPORT ELEVATION</u> 680	<u>TDZE</u> 672	<u>SUPERSEDED</u> ILS OR LOC RWY 10L ILS RWY 10L SA CAT I, ILS RWY 10L CAT II, ILS RWY 10L CAT III	<u>ORIGINAL/AMENDMENT</u> 19	<u>DATED</u> 06/22/2017	<u>MAG VAR</u> 3W	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> I-MED	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES**

<b><u>FROM</u></b>	<b><u>FIX TYPE</u></b>	<b><u>TO</u></b>	<b><u>FIX TYPE</u></b>	<b><u>LEG TYPE</u></b>	<b><u>FO/FB</u></b>	<b><u>RNP</u></b>	<b><u>COURSE</u></b>	<b><u>DISTANCE</u></b>	<b><u>ALTITUDE</u></b>
GIBNS	IAF	ARIST		TF	FB	1.00	084.77	20.30	9000
ARIST/I-MED 28.36 DME/RADAR		KALZO/I-MED 25.22 DME/RADAR					092.86	3.14 (I-MED)	8000
KALZO/I-MED 25.22 DME/RADAR		BURKE/I-MED 22.08 DME/RADAR					092.86	3.14 (I-MED)	7000
BURKE/I-MED 22.08 DME/RADAR		SYSCO/I-MED 18.94 DME/RADAR					092.86	3.14 (I-MED)	6000
SYSCO/I-MED 18.94 DME/RADAR		PRATT/I-MED 15.81 DME/RADAR					092.86	3.13 (I-MED)	5000
PRATT/I-MED 15.81 DME/RADAR	IF	CARLE/I-MED 12.67 DME					092.86	3.14 (I-MED)	4000
CARLE/I-MED 12.67 DME		BUGSE INT/I-MED 7.32 DME/RADAR					092.86	5.35 (I-MED)	2300

**MISSED APPROACH**

**MAP:**

ILS: DA  
 LOC: 4.94 NM AFTER BUGSE INT/I-MED 7.32 DME/RADAR OR AT I-MED 2.39 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 4000 ON HEADING 092.86 AND ON CGT VORTAC R-336 TO CGT VORTAC AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):**

CLIMB TO 4000 ON HEADING 092.90 AND ON DPA VOR/DME R-081 TO BLUTO/DPA 40.95 DME/RADAR AND HOLD.



QUALITY  
42  
CHECKED

AIRPORT  
CHICAGO O'HARE INTL

AIRPORT ID  
KORD

PROCEDURE NAME  
ILS OR LOC RWY 10L  
ILS RWY 10L SA CAT I,  
ILS RWY 10L CAT II,  
ILS RWY 10L CAT III

ORIGINAL/AMENDMENT  
19A

CITY  
CHICAGO

STATE  
IL

**CHANGES - REASONS**

1. UPDATED MSA CENTER FROM ORD VOR/DME TO KORD- ORD VOR/DME BEING DECOMMISSIONED.
2. UPDATED EQUIPMENT REQUIREMENT NOTES AND MOVED TO EQUIPMENT NOTES SECTION: RNAV 1-GPS OR RADAR REQUIRED FOR PROCEDURE ENTRY. DME OR RADAR REQUIRED. PBN REQUIREMENTS NOTE: FROM GIBNS: RNAV-1 GPS REQUIRED. - IAW 8260.19H PARA8-6-8.

**COORDINATED WITH:**

**A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZAU, CHICAGO APP CON, ORD ATCT, AMGR

**FLIGHT CHECKED BY**

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCT 3, 2018, SUBJECT: FLIGHT INSPECTION NOT REQUIRED.

**DEVELOPED BY**

LONNIE EVERHART (PETE BUSSEY)

**APPROVED BY**

LONNIE EVERHART

*Digitally signed by*

**WARDELL HENNING**

Nov 07, 2018

*Digitally signed by*

**WARDELL HENNING**

Nov 07, 2018

**OFFICE**  
*Digitally signed by*

**WARDELL HENNING**

Nov 07, 2018

**OFFICE**

AJV-5400

**OFFICE**

AJV-5400

**DATE**

**DATE**

07/30/2018

**DATE**

**TITLE**

MANAGER

FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT</u> CHICAGO O'HARE INTL	<u>AIRPORT ID</u> KORD	<u>PROCEDURE NAME</u> ILS OR LOC RWY 10L ILS RWY 10L SA CAT I, ILS RWY 10L CAT II, ILS RWY 10L CAT III	<u>AMDT NO.</u> 19A	<u>CITY</u> CHICAGO	<u>STATE</u> IL	<u>AIRPORT ELEVATION</u> 680	<u>FACILITY</u> I-MED
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**PART A: OBSTRUCTION DATA SEGMENTS**

**INITIAL**

<u>FROM</u> GIBNS	<u>TO</u> ARIST
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<u>RNP</u>	<u>DISTANCE</u> 20.30	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
1.TOWER (17-001173)	415233.00N/0884516.00W	1383	500	50	4D	1000				AT6617	9000
2.TERRAIN	415130.00N/0885603.00W	988 (1000)								AS1500	2500

**COMPUTATIONS**

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT  
REMARKS:

**INITIAL: STEPDOWN**

<u>FROM</u> ARIST/I-MED 28.36 DME/RADAR	<u>TO</u> KALZO/I-MED 25.22 DME/RADAR
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<u>RNP</u>	<u>DISTANCE</u> 3.14	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
3.TOWER (17-000651)	420112.00N/0882903.00W	1373	250	50	4D	1000				AT5627	8000
4.TERRAIN	420112.00N/0882903.00W	1063 (1100)								AS1500	2600

**COMPUTATIONS**

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT  
REMARKS:



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
CHICAGO O'HARE INTL	KORD	ILS OR LOC RWY 10L ILS RWY 10L SA CAT I, ILS RWY 10L CAT II, ILS RWY 10L CAT III	19A	CHICAGO	IL	680	I-MED

INITIAL: STEPDOWN

FROM

KALZO/I-MED 25.22 DME/RADAR

TO

BURKE/I-MED 22.08 DME/RADAR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
	3.14										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
5.TOWER (17-001565)	420111.70N/0882252.99W	1386	20	3	1A	1000				AT4614	7000
6.TERRAIN	415509.00N/0882551.00W	1014 (1000)								AS1500	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT  
REMARKS:

INITIAL: STEPDOWN

FROM

BURKE/I-MED 22.08 DME/RADAR

TO

SYSKO/I-MED 18.94 DME/RADAR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
	3.14										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
5.TOWER (17-001565)	420111.70N/0882252.99W	1386	20	3	1A	1000				AT3614	6000
7.TERRAIN	420151.00N/0882057.00W	909 (900)								AS1500	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT  
REMARKS:



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
CHICAGO O'HARE INTL	KORD	ILS OR LOC RWY 10L ILS RWY 10L SA CAT I, ILS RWY 10L CAT II, ILS RWY 10L CAT III	19A	CHICAGO	IL	680	I-MED

INITIAL: STEPDOWN

FROM

SYSCO/I-MED 18.94 DME/RADAR

TO

PRATT/I-MED 15.81 DME/RADAR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
	3.13										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
8.TOWER (17-002327)	420050.00N/0881707.00W	1149	500	50	5D	1000				AT2851	5000
9.TERRAIN	420151.00N/0881800.00W	824 (800)								AS1500	2300

<u>COMPUTATIONS</u>	<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT

REMARKS:

INTERMEDIATE

FROM

PRATT/I-MED 15.81 DME/RADAR

TO

CARLE/I-MED 12.67 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
	3.14										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
10.TOWER (17-001845)	415954.00N/0881433.00W	1136	500	50	5D	500				AT2364	4000
11.TERRAIN	415627.00N/0881045.00W	863 (900)								AS1500	2400

<u>COMPUTATIONS</u>	<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT

REMARKS:



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
CHICAGO O'HARE INTL	KORD	ILS OR LOC RWY 10L ILS RWY 10L SA CAT I, ILS RWY 10L CAT II, ILS RWY 10L CAT III	19A	CHICAGO	IL	680	I-MED

INTERMEDIATE: STEPDOWN

FROM

CARLE/I-MED 12.67 DME

TO

BUGSE INT/I-MED 7.32 DME/RADAR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	5.35											
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
12.TOWER (17-000818)	415614.00N/0880729.00W		1178	20	10	5D	500				AT622	2300
13.TERRAIN	415718.00N/0880827.00W		867 (900)								AS1000	1900

<u>COMPUTATIONS</u>												
<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>	

SEGMENT  
REMARKS:

FINAL: ILS

FROM

BUGSE INT/I-MED 7.32 DME/RADAR

TO

RW10L

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	4.94		DA	200								
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
								ASC				872

<u>COMPUTATIONS</u>												
<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>	

SEGMENT  
REMARKS:



<u>AIRPORT</u> CHICAGO O'HARE INTL	<u>AIRPORT ID</u> KORD	<u>PROCEDURE NAME</u> ILS OR LOC RWY 10L ILS RWY 10L SA CAT I, ILS RWY 10L CAT II, ILS RWY 10L CAT III	<u>AMDT NO.</u> 19A	<u>CITY</u> CHICAGO	<u>STATE</u> IL	<u>AIRPORT ELEVATION</u> 680	<u>FACILITY</u> I-MED
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FINAL: LOC

FROM

BUGSE INT/I-MED 7.32 DME/RADAR

TO

POPME INT/I-MED 3.89 DME

<u>RNP</u>	<u>DISTANCE</u> 3.44	<u>PAT</u>	<u>MAP</u>	<u>HAT</u> 528	<u>HMAS</u>
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<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
14.AAO	415827.08N/0880212.88W	950	50	20	2C	250					1200

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT

REMARKS:

FINAL: LOC STEPDOWN

FROM

POPME INT/I-MED 3.89 DME

TO

4.94 NM AFTER BUGSE INT/I-MED 7.32 DME/RADAR OR AT I-MED 2.39 DME

<u>RNP</u>	<u>DISTANCE</u> 1.50	<u>PAT</u>	<u>MAP</u> 4.94 NM AFTER BUGSE INT/I-MED 7.32 DME/RADAR OR AT I-MED 2.39 DME	<u>HAT</u> 408	<u>HMAS</u>
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<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
15.TWR (KORDT003621)	415750.30N/0875837.70W	826	20	3	1A	250					1080

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT

REMARKS:





<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
CHICAGO O'HARE INTL	KORD	ILS OR LOC RWY 10L ILS RWY 10L SA CAT I, ILS RWY 10L CAT II, ILS RWY 10L CAT III	19A	CHICAGO	IL	680	I-MED

FINAL: ILS SA CAT I

FROM

BUGSE INT/I-MED 7.32 DME/RADAR

TO

RW10L

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	4.94		DA	150								
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
								ASC				822

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT  
REMARKS:

FINAL: ILS CAT II

FROM

BUGSE INT/I-MED 7.32 DME/RADAR

TO

RW10L

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	4.94		DA	100								
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
								ASC				772

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT  
REMARKS:



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
CHICAGO O'HARE INTL	KORD	ILS OR LOC RWY 10L ILS RWY 10L SA CAT I, ILS RWY 10L CAT II, ILS RWY 10L CAT III	19A	CHICAGO	IL	680	I-MED

MISSED APPROACH : ILS

FROM

DA

TO

CGT VORTAC

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
							704				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				4000
16.BLDG (17-000687)	415244.00N/0873809.00W	2325	50	50	2D	1000					3400
17.TERRAIN	412921.00N/0873903.00W	739 (700)								AS1500	2200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT

REMARKS:

MISSED APPROACH : LOC

FROM

4.94 NM AFTER BUGSE INT/I-MED 7.32 DME/RADAR OR AT I-MED 2.39 DME

TO

CGT VORTAC

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
							830				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				4000
16.BLDG (17-000687)	415244.00N/0873809.00W	2325	50	50	2D	1000					3400
17.TERRAIN	412921.00N/0873903.00W	739 (700)								AS1500	2200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT

REMARKS:



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
CHICAGO O'HARE INTL	KORD	ILS OR LOC RWY 10L ILS RWY 10L SA CAT I, ILS RWY 10L CAT II, ILS RWY 10L CAT III	19A	CHICAGO	IL	680	I-MED

MISSED APPROACH : ILS SA CAT I

FROM

DA

TO

CGT VORTAC

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				4000
16.BLDG (17-000687)	415244.00N/0873809.00W	2325	50	50	2D	1000					3400
17.TERRAIN	412921.00N/0873903.00W	739 (700)								AS1500	2200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT

REMARKS:

MISSED APPROACH : ILS CAT II

FROM

DA

TO

CGT VORTAC

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				4000
16.BLDG (17-000687)	415244.00N/0873809.00W	2325	50	50	2D	1000					3400
17.TERRAIN	412921.00N/0873903.00W	739 (700)								AS1500	2200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT

REMARKS:



<u>AIRPORT</u> CHICAGO O'HARE INTL	<u>AIRPORT ID</u> KORD	<u>PROCEDURE NAME</u> ILS OR LOC RWY 10L ILS RWY 10L SA CAT I, ILS RWY 10L CAT II, ILS RWY 10L CAT III	<u>AMDT NO.</u> 19A	<u>CITY</u> CHICAGO	<u>STATE</u> IL	<u>AIRPORT ELEVATION</u> 680	<u>FACILITY</u> I-MED				
MISSED APPROACH ALTERNATE : ILS											
<u>FROM</u> DA				<u>TO</u> BLUTO/DPA 40.95 DME/RADAR							
<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u> 704						
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				4000
16.BLDG (17-000687)	415244.00N/0873809.00W	2325	50	50	2D	1000					3400
18.TERRAIN	415812.00N/0875533.00W	670 (700)								AS1500	2200

<u>COMPUTATIONS</u>	<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
<u>SEGMENT</u> <u>REMARKS:</u>												

MISSED APPROACH ALTERNATE : LOC												
<u>FROM</u> 4.94 NM AFTER BUGSE INT/I-MED 7.32 DME/RADAR OR AT I-MED 2.39 DME						<u>TO</u> BLUTO/DPA 40.95 DME/RADAR						
<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u> 830							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>	
							ASC				4000	
16.BLDG (17-000687)	415244.00N/0873809.00W	2325	50	50	2D	1000					3400	
18.TERRAIN	415812.00N/0875533.00W	670 (700)								AS1500	2200	
<u>COMPUTATIONS</u>	<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
<u>SEGMENT</u> <u>REMARKS:</u>												





<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
CHICAGO O'HARE INTL	KORD	ILS OR LOC RWY 10L ILS RWY 10L SA CAT I, ILS RWY 10L CAT II, ILS RWY 10L CAT III	19A	CHICAGO	IL	680	I-MED

MSA

<u>CENTER</u>	<u>RADIUS</u>
KORD	25

<u>SECTOR</u>	<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>BEARING</u>	<u>DISTANCE</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
360-360	BUILDING (17-000687)	415244.00N/0873809.00W	118	13.4	2325	50	50	2D	1000			3400

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

GPS OR RADAR REQUIRED, DME OR RADAR REQUIRED, CIRCLING/FEEDER NOT DEVELOPED, INTERMEDIATE/INITIAL FIX PLACEMENT TANGENT TO RWY 10C FIXES REQUESTED BY ATC, SIMULTANEOUS OPS NOTES PER ATC REQUEST.

VEGETATION 100' PER IFP CHECKLIST.

PROCEDURAL TCH 55.8 UTILIZED.

<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
CHICAGO O'HARE INTL	KORD	ILS OR LOC RWY 10L ILS RWY 10L SA CAT I, ILS RWY 10L CAT II, ILS RWY 10L CAT III	19A	CHICAGO	IL	680	I-MED

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ORD TOWER, CHICAGO APP CON, ZAU ARTCC

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>
ASOS	KORD	24	KORD	0	Y	0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>

WX REMARKS:

BACKUP ALTIMETER SOURCE NOT UTILIZED. KORD HAS REDUNDANT WEATHER SOURCING.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
I-MED	ORD ATCT	24	1

<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW04L - HIRL, C/LINE	PIR-G	APPROACH, ROLL OUT
RW04R - TDZ, MALSR, HIRL, C/LINE, PAPI-4R	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW09L - TDZ, ALSF-2, HIRL, C/LINE	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW09R - TDZ, MALSR, HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW10C - TDZ, ALSF-2, HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW10L - TDZ, ALSF-2, HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW10R - TDZ, ALSF-2, HIRL, C/LINE	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW22L - TDZ, MALSR, HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW22R - TDZ, MALSR, HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH, ROLL OUT
RW27L - TDZ, ALSF-2, HIRL, C/LINE, PAPI-4R	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW27R - TDZ, ALSF-2, HIRL, C/LINE	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW28C - TDZ, ALSF-2, HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW28L - TDZ, ALSF-2, HIRL, C/LINE	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW28R - TDZ, ALSF-2, HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
3.00	672.1	55.8	665.3	1113	3.00	73.5

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
CHICAGO O'HARE INTL	KORD	ILS OR LOC RWY 10L ILS RWY 10L SA CAT I, ILS RWY 10L CAT II, ILS RWY 10L CAT III	19A	CHICAGO	IL	680	I-MED

**CRITICAL TEMPERATURES**

CRITICAL LOW                      CRITICAL HIGH                      ACT                      APT ISA

**CRITICAL TEMPERATURE REMARKS:**

**"VISUAL PORTION OF FINAL" PENETRATIONS**

**HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS**

and/or  
**5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS**

**PART C: GENERAL REMARKS:**  
VDP NOT ESTABLISHED - VDP IS LESS THAN 0.5 NM AFTER STEPDOWN.  
  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
  
ORDER 8260.3 CHAPTER 2 APPLIED TO 979 AAO 415816.99N/0880335.63W.  
ORDER 8260.3 CHAPTER 2 APPLIED TO 844 TANK (17-006194) 415753.07N/0875907.40W.



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
CHICAGO O'HARE INTL	KORD	ILS OR LOC RWY 10L ILS RWY 10L SA CAT I, ILS RWY 10L CAT II, ILS RWY 10L CAT III	19A	CHICAGO	IL	680	I-MED

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.05
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	0.88
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	089.86
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	749
DISTANCE FROM	FAF	TO 1500FT POINT	6.39
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	6.46
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	089.86
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	867

THRESHOLD  
COORDINATES  
(IF STR-IN)415808.38N/0875553.51W

ARP COORDINATES415828.28N/0875423.75W

RUNWAY APCH END  
AND DIST FURTHEST  
FROM ARP

RUNWAY 9L DISTANCE 1.92 NM

FAF  
COORDINATES415807.47N/0880230.57W

FIX NAME  
COORDINATES

REMARKS



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
CHICAGO O'HARE INTL	KORD	ILS OR LOC RWY 10L ILS RWY 10L SA CAT I, ILS RWY 10L CAT II, ILS RWY 10L CAT III	19A	CHICAGO	IL	680	I-MED

**PART E: PREPARED BY**

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
LONNIE EVERHART (PETE BUSSEY)	AJV-5400	07/30/2018	AERONAUTICAL INFORMATION SPECIALIST