

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION GPS OR VOR STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23								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		MAP: 3.98 MILES AFTER TOMTA INT/5.00 DME OR AT 8.98 DME FIX CLIMBING RIGHT TURN TO 3000 DIRECT CXR VOR/DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, LT, 355.00 INBOUND. CHART FAS OBST: 1280 TREES 413757N/0810943W CHART 1440 TREES 413547N/0810922W.							
CXR VOR/DME (IF/IAF)		TOMTA INT/ 5.00 DME		355.38 / 5.00				2400									
1. PT <u>R</u> SIDE OF COURSE <u>175.38</u> OUTBOUND <u>3000</u> FT WITHIN <u>10</u> MILES OF <u>CXR VOR/DME</u> (IAF) 2. _____ 3. FAC <u>355.38</u> FAF <u>TOMTA INT/ 5.00 DME</u> DIST FAF TO MAP <u>3.98</u> THLD _____ 4. MIN. ALT <u>CXR VOR/DME 3000, TOMTA 2400, CXR 7.00 DME 1740</u> 8. MSA FROM: <u>CXR VOR/DME 180-360 3100, 360-180 2700</u>														MAG VAR: 5W		EPOCH YEAR: 1965	
MINIMUMS																	
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A		<input checked="" type="checkbox"/> X					
CATEGORY =====>		A			B			C			D			E			
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA		
CIRCLING	1740	1	741	1740	1 1/4	741	1740	2 1/4	741		NA			NA			
DME MINIMUMS																	
CIRCLING	1640	1	641	1640	1	641	1640	1 3/4	641		NA			NA			
NOTES: CHART NOTE: PROCEDURE NA AT NIGHT. CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON CXR VORTAC AIRWAY RADIALS 099 CW 263. CHART NOTE: USE CLEVELAND-HOPKINS ALTEIMETER SETTING. THIS IS A TRANSCRIBED FORM, SOME DATA MAY DIFFER FROM THE ORIGINAL DOCUMENT DUE TO UPDATED INFORMATION.																	
CITY AND STATE PAINESVILLE, OH				ELEVATION: 999 AIRPORT NAME: CONCORD AIRPARK		TDZE:		FACILITY IDENTIFIER: CXR		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR OR GPS-A, ORIG-A, 07/18/1996				SUP			
														AMDT NONE			
														DATE			

ALL AFFECTED PROCEDURES REVIEWED?		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				ROUTINE	
COORDINATED WITH:					
ATA	AAT	ALPA	APA	AOPA	NBAA
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
OTHER (specify) <u>AVN-100, CHI-FPO, ZOB ARTCC CLE ATCT</u>					
FLIGHT CHECKED BY					
NAME: JORGE ALBERTO MALCUN				FIFO AVN-200	DATE: 05/25/1995
DEVELOPED BY					
NAME:				FIFO AVN-140	DATE: 11/06/1995
APPROVED BY					
NAME:				FIFO AVN-140	DATE: 04/18/1996
CHANGES:					
ORIGINAL - VOR/DME TO VOR PROCEDURE GPS PORTION RETAINED					
REASONS:					
CHI-FPO REQUEST WILLOUGHBY LOST NATION CONTROL TOWER DECOMMISSIONED.					

STATE:OH APT ELEV:995
EFFECTIVE DATE: 18 JUL 96
EFFECTIVE DATE:
FAC ELEV:1330 FAC VARIATION:5 YEAR:1965

FROM	TO	COURSE	DISTANCE	ALTITUDE
STRAIGHT INTERMEDIATE				
IAF CXR VORTAC	TOMTA INT/5.00 DME		355.38 5.00	2400

PROCEDURE TURN				
IAF CXR VORTAC	RIGHT SIDE OF COURSE	175.38 OUTBOUND	10.00	3000

FAC:355.38 FAF:TOMTA INT/5.00 DME DIST FAF TO: MAP:3.98 THLD: DIST SDF TO: MAP: THLD:
MIN ALT: CXR VORTAC, 3000 ,; TOMTA INT/5.00 DME, 2400 ,; 7.00 DME# , 1720 , #1740 WHEN USING CLEVELAND-HOPKINS ALTIMETER SETTING.

MAP:3.98 MILES AFTER TOMTA INT/5.00 OR AT 8.98 DME

MISSED APPROACH:

CLIMBING RIGHT TURN TO 3000 DIRECT CXR VORTAC AND HOLD.

MA HOLDING: HOLD S , LEFT TURN, 355.00 INBOUND

MSA: FROM CXR VORTAC , WITHIN 25.00 , 3100 180 - 360, 2700 360 - 180

MINIMUMS		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	
CIRCLING	1720	1	725	1720	1	725	1720	2	725		N/A				N/A	
DME MINIMUMS																
CIRCLING	1620	1	625	1620	1	625	1620	1.75	625		N/A				N/A	

TAKEOFF MINIMUMS:SEE 8260-15 FOR THIS AIRPORT

ALTERNATE MINIMUMS:NA

NOTES:

USE WILLOUGHBY LOST NATION ALTIMETER SETTING; WHEN NOT RECEIVED, USE CLEVELAND-HOPKINS ALTIMETER SETTING AND INCREASE ALL MDAS 20 FEET AND VISIBILITY CATS B AND C 1/4 MILE.
PROCEDURE NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

FAS OBST: 1280 TREES 413757/810943
1440 TREES 413547/810922

BEARINGS, HEADINGS, COURSES AND RADIALS ARE MAGNETIC. ELEVATIONS AND ALTITUDES ARE IN FEET, MSL, EXCEPT HAT, HAA, 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 100 FEET RVR.

T.C. 96-12

AIRPORT:CONCORD AIRPARK

SIAP:VOR OR GPS-A

SUP :

RUNWAY: TDZ ELEV:

CITY: PAINESVILLE

AMDT: 0

AMDT: NONE

FACILITY: CXR VORTAC

STATE:OH APT ELEV:995

EFFECTIVE DATE:ROUTINE

EFFECTIVE DATE:

FAC ELEV:1330 FAC VARIATION:5 YEAR:1965

FROM

TO

COURSE DISTANCE ALTITUDE

STRAIGHT INTERMEDIATE

IAF CXR VORTAC

TOMTA INT/5.00 DME

355.38	5.00	2400
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PLANVIEW NOTES: NOPT FOR ARRIVAL ON CXR VORTAC AIRWAY RADIALS 099 CW 263.

PROCEDURE TURN

IAF CXR VORTAC

RIGHT SIDE OF COURSE

175.38 OUTBOUND

10.00	3000
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FAC:355.38 FAF:TOMTA INT/5.00 DME

DIST FAF TO: MAP:3.98 THLD:

DIST SDF TO: MAP: THLD:

MIN ALT: CXR VORTAC, 3000 ,; TOMTA INT/5.00 DME, 2400 ,; 7.00 DME# , 1720 , #1740 WHEN USING CLEVELAND-HOPKINS ALTIMETER SETTING.

MAP:3.98 MILES AFTER TOMTA INT/5.00 OR AT 8.98 DME

MISSED APPROACH:

CLIMBING RIGHT TURN TO 3000 DIRECT CXR VORTAC AND HOLD.

MA HOLDING: HOLD S , LEFT TURN, 355.00 INBOUND

MSA: FROM CXR VORTAC , WITHIN 25.00 , 3100 180 - 360, 2700 360 - 180

MINIMUMS		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
CIRCLING	1720	1	725	1720	1	725	1720	2	725		N/A	
DME MINIMUMS												
CIRCLING	1620	1	625	1620	1	625	1620	1.75	625		N/A	N/A

TAKEOFF MINIMUMS:SEE 8260-15 FOR THIS AIRPORT

ALTERNATE MINIMUMS:NA

NOTES:

USE WILLOUGHBY LOST NATION ALTIMETER SETTING; WHEN NOT RECEIVED, USE CLEVELAND-HOPKINS ALTIMETER SETTING AND INCREASE ALL MDAS 20 FEET AND VISIBILITY CATS B AND C 1/4 MILE.
PROCEDURE NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

FAS OBST: 1280 TREES 413757/810943

1440 TREES 413547/810922

BEARINGS, HEADINGS, COURSES AND RADIALS ARE MAGNETIC. ELEVATIONS AND ALTITUDES ARE IN FEET, MSL, EXCEPT HAT, HAA, 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 1/4 FEET RVR.

AIRPORT: CONCORD AIRPARK

SIAP: VOR OR GPS-A

COORDINATED: ATA

ALPA

APA

AOPA

X

CITY: PAINESVILLE

AMD: 0

NBAA

X

OTHER

AVN-100, CHI-FPO, ZOB ARTCC CLE ATCT

STATE: OH APT ELEV: 995

EFFECTIVE DATE: ROUTINE

DEVELOPED BY: DAVID A. DULL

DATE: 11/6/95

OFFICE: AVN 1400 SIGNATURE: David A. Dull

OPERATIONALLY APPROVED BY: JORGE MALCUN

DATE: 5/25/95 OFFICE: BTL

APPROVED BY: JOSEPH E. ROONEY

DATE: 4/18/96

OFFICE: AVN-140D

CHANGES:

ORIGINAL- VOR/DME TO VOR PROCEDURE

GPS PORTION RETAINED

REASONS:

CHI-FPO REQUEST

OTHER 8260-X FORMS FORWARDED:

AFFECTED PROCEDURES REVIEWED:

Y

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD												
PART - A OBSTRUCTION DATA												
1. APP SEGMENT		FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS		MIN. ALT.		
INTERMEDIATE		CXR VOR/DME	TOMTA INT/ 5.00	TOWER (36-0898)	413140.00N/0810505.00W	1622 (5D)	500	AS300		2400		
		(IF/IAF)	DME									
INTERMEDIATE: PT		10 NM	TOMTA INT/ 5.00	TOWER (36-1483)	412858.00N/0811153.00W	1620 (5D)	1000	AS400		3000		
			DME									
FINAL		TOMTA INT/ 5.00	CXR 7.00 DME 3	TREES ✓	413625.00N/0811107.00W	1380 (2C)	250	RA105		1740		
		DME										
FINAL: GPS STEPDOWN		7.00 DME	3.98 MILES AFTER 4	TREES ✓	413757.00N/0810943.00W	1280 (2C)	250	RA105		1640		
			TOMTA INT/5.00									
			DME OR AT 8.98									
			DME FIX									
2. PROCEDURE TURN		CXR VOR/DME	10 NM	TOWER (36-0197)	412754.00N/0811711.00W	2020 (3C)	1000			3000		
3. MISSED APPROACH	MAP:	3.98 MILES AFTER	CXR VOR/DME	TOWER (36-1483)	412858.00N/0811153.00W	1650 (5D)	1000			3000		
		TOMTA INT/5.00										
	ELEV:	1298										
4. CIRCLING AREA		DISTANCE	HT. ABV. ARPT.									
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL	741 / 641 7.	TREES ✓	413850.00N/0811250.00W	1210 (2C)	300	SI / RA105		1740 / 1640
CATEGORY B	1.5 NM		450		741 / 641 8.	TREES ✓	413840.00N/0811255.00W	1220 (2C)	300	SI / RA105		1740 / 1640
CATEGORY C	1.7 NM		450		741 / 641 9.	TREES ✓	413825.00N/0811305.00W	1240 (2C)	300	SI / RA105		1740 / 1640
CATEGORY D	2.3 NM		550									
CATEGORY E	4.5 NM		550									
5. MINIMUM SAFE ALTITUDES					PRIMARY NAVAID: CXR VOR/DME							
SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A			
180-360	TOWER (36-1180)	257/ 25.5	2049 (5D)	3100								
360-180	TOWER (36-0898)	085/ 03.6	1622 (5D)	2700								
CITY AND STATE		ELEVATION: 999			FACILITY		PROCEDURE AND AMENDMENT NO:			REGION		
PAINESVILLE, OH		AIRPORT NAME: CONCORD AIRPARK			CXR		VOR OR GPS-A, ORIG-A, 07/18/1996					

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: RWY LIGHTS ON OUTSIDE EDGE OF TURF, SO NIGHT MINS NA CIRC ONLY DUE TO S/D-MAP DG LVL SFC 1622 TOWER 36-0898
1. COMMUNICATIONS WITH:			2. WEATHER SERVICE			3. ALTIMETER SETTING				
SATISFACTORY ON:			N W S	OTHER: ASOS		SOURCE: KCLE				
			F A A			DISTANCE: 33.42				
			HOURS REMOTE OPERATION:							
V H F			U H F	H F	LOCATION: KCLE			ADJUSTMENT: 105		
4. MONITOR STATUS		PRIMARY NAVAID: CXR VOR/DME								
		MONITOR POINT: CLE FSS								
		HRS	CAT 1	1						
5. APPROACH & RUNWAY LIGHTING		OPTN:	CAT 3							
		ALS								
		(S) SALS								
6. RUNWAY MARKINGS		MALS								
		HIRL								
		MIRL								
		REIL								
		TDZ								
		C/LINE								
		X	OTHER (SPECIFY) LIRL 02, 20							
		7. RUNWAY VISUAL RANGE		BASIC						
ALL WEATHER										
INSTRUMENT										
8. GLIDE PATH		APPROACH				ELEV RWY THRESHOLD:				
		MIDFIELD				ELEV GP ANTENNA:				
		ROLL OUT				THRESHOLD CROSSING HEIGHT:				
FINAL APPROACH		RUNWAY THRESHOLD			FT. FROM THRESHOLD					
COURSE AIMING		ON CENTERLINE			FT. FROM CENTERLINE					
10. WAIVERS: NONE										
PART D - PREPARED BY:						DATE: 11/06/1995				
TITLE: AERONAUTICAL INFORMATION SPECIALIST						OFFICE: AVN-140				

AIRPORT:CONCORD AIRPARK
FACILITY: CXR VORTACCITY: PAINESVILLE
SIAP: VOR OR GPS-ASTATE: OH APT ELEV: 995 MSL
AMDT: 0

FROM	TO	OBSTRUCTION DESCRIPTION	COORDINATES	ELEV MSL/ SEC EQUIV	H/V ERR RSN4ADJ	ROC	MIN ALTITUDE BASIC/CHRTD	
CXR VORTAC STRAIGHT INTERMEDIATE: CXRINT	TOMTA	36-0898 TOWER	413140.00N-0810505.00W AS300	1622/	500/50	500	2100/2400	
CXR VORTAC PROCEDURE TURN: CXRPT		36-0898 TOWER	413140.00N-0810505.00W PT400	1622/	500/50	1000	2600/3000	
		36-0197 TOWER	412754.00N-0811711.00W	2020/	100/20	1000	3000/3000	
10NM CXR VORTAC		36-1483 TOWER	412858.00N-0811153.00W AS400	1620/	500/50	1000	2600/3000	
FINAL VOR FAF TOMTA	413952.30N-0811147.68W	BTL3644 TREES	413625.00N-0811107.00W	1380/	50/20	250	1701/1720	
CONTROLLING OBSTACLE IN 7:1 AREA		BTL3643 TREES	413547.00N-0810922.00W	1440/	50/20			
STEPDOWN CXR;C355.38/7NM	413952.30N-0811147.68W	BTL3645 TREES	413757.00N-0810943.00W	1280/	50/20	250	1601/1620	
FINAL ADJUSTMENTS EXCESSIVE FIX ERROR: FINAL LENGTH EXCESS 6 NM:0.00FT STEPDOWN LENGTH EXCESS 6 NM:0.00FT PRECIPITOUS TERRAIN ADJUSTMENT:0.00FT SD PRECIPITOUS TERRAIN ADJUSTMENT:0.00FT OTHER ADJUST:0.00FT SD OTHER ADJUST:0.00FT								
HOLDING CXR VORTAC	4 PATTERN SIZE	36-1483 TOWER	412858.00N-0811153.00W PT400	1620/1277	500/50	1000	2600/3000	
MISSED APPROACH NAVIGATIONAL GUIDANCE WITHIN 15 NM: YES	MAP:413952.30N-0811147.68W	MA HOLDING FIX:CXR VORTAC		HGT MAP START ELEV:1298	MSL			
CIRCLING	HT ABV APT	OBSTRUCTION	DESCRIPTION	COORDINATES	ELEV	H/V ERR	ROC	MIN ALTITUDE
CAT A 1.3	350 725/625	BTL3646	TREES	413850.00N-0811250.00W	1210	50/20	300	1720/1720 / 1620/1620
CAT B 1.5	450 725/625	BTL3647	TREES	413840.00N-0811255.00W	1220	50/20	300	1720/1720 / 1620/1620
CAT C 1.7	450 725/625	BTL3648	TREES	413825.00N-0811305.00W	1240	50/20	300	1720/1720 / 1620/1620
CIRCLING PRECP TERRAIN ADJ:0.00FT								
ALTIMETER SOURCE	PRESS PTN	OBS ID	OBS COORDS	OBS ELEV	ADJUSTMENT BASIC INTERMEDIATE			
RMT ALT: 414102.16N-0812324.40W KLNN	YES	K2G1 KLNN	414001.37N-0811149.86W 414102.16N-0812324.40W	995 626	71.75FT	0.00FT		
PT ALT: 412439.22N-0815057.83W KCLE	YES	K2G1 KCLE	414001.37N-0811149.86W 412439.22N-0815057.83W	995 791	104.70FT	0.00FT		

MINIMUM SAFE ALTITUDES			MSA CENTER: CXR VORTAC		SECTOR RADIUS: 25.00NM			
SECTOR	OBSTRUCTION	DESCRIPTION	BRNG T/M	DIST (NM)	COORDINATES	ELEV MSL	H/V ERR	ROC MIN ALTITUDE BASIC/CHARTED
1 180M - 360M	36-1180	TOWER	251.64T-256.64M/25.51NM	412254.00N-0814157.00W	2049	500/50	1000	3100/3100
2 360M - 180M	36-0898	TOWER	079.54T-084.54M/3.60NM	413140.00N-0810505.00W	1622	500/50	1000	2700/2700

SUPPLEMENTAL DATA

MONITOR STATUS

PRIMARY NAVAID: CXR VORTAC MONITOR POINT: CLE FSS HOURS OPEN: 1
 SECONDARY NAVAID: MONITOR POINT: HOURS OPEN:

WEATHER SERVICE: N

VISIBILITY

LIGHT CREDIT NOT GIVEN: APPROACH LIGHT TYPE.
 PROCEDURE NA AT NIGHT.

LIGHT COVERAGE		NO LIGHT VISIBILITY				
LIGHT COVERAGE		RAIL COVERAGE				
A B C D E		A B C D E				
LAT		S-	1	1	1	
VERT		CIRC	1	1	2	
DME MINIMUMS						
LAT		S-	1	1	1	
VERT		CIRC	1	1	1.75	

REMARKS

RWY LIGHTS ON OUTSIDE EDGE OF TURF, SO NIGHT MINS NA
 CIRC ONLY DUE TO S/D-MAP DG
 LVL SFC 1622 TOWER 36-0898

PREPARED BY: DAVID DULL

PROCEDURE SPECIALIST

DATE: 11/6/95

OFFICE: AVN 140D