

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.33**

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.

<b>AIRPORT ID</b> CON	<b>PROCEDURE NAME</b> RNAV (GPS) RWY 35	<b>ORIGINAL/AMENDMENT</b> 1A	<b>CITY</b> CONCORD	<b>STATE</b> NH
<b>AIRPORT ELEVATION</b> 342	<b>TDZE</b> 336	<b>SUPERSEDED</b> RNAV (GPS) RWY 35	<b>DATED</b> 06/17/2021	<b>MAG VAR</b> 16W
<b>FACILITY</b> RNAV	<b>COORDINATES OF FACILITIES</b>	<b>ACTUAL EFFECTIVE DATE</b>	<b>REQUIRED EFFECTIVE DATE</b> ROUTINE	<b>EPOCH YEAR</b> 1995
			<b>CANCEL/SUSPEND</b>	

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
CON VOR/DME		ZUVLI		TF	FO	1.00	161.31	14.28	3800
LURCH	IAF	ZUVLI	NOPT	TF	FB	1.00	083.67	19.78	3800
RAYMY	IAF	ZUVLI	NOPT	TF	FB	1.00	276.03	12.47	3800
ZUVLI	IF/IAF	YODGU		TF	FB	1.00	351.11	6.11	2000
YODGU	FAF	RW35	MAP	TF	FO	0.30	351.09	5.09	
RW35	MAP	586 MSL		CA			351.09		
586 MSL		INKOW		DF	FO	1.00			4500

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW35

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 4500 DIRECT INKOW AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4500.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD S ZUVLI, RT, 351.11 INBOUND, 3800 FT. IN LIEU OF PT (IAF), MAX 10000.
- FAC: 351.09 FAF: YODGU DIST FAF TO MAP: 5.09 DIST FAF TO THLD: 5.09
- MIN ALT: ZUVLI 3800, YODGU 2000
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.65 GS ANT: IM:
- MIN GP INCPT: 2000 GP ALT AT PFAF: YODGU 2000 OM: MM: IM:
- GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 48.6
- MSA FROM: RW35 4200



**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: CIRCLING RWY 12, 17, 30 NA AT NIGHT.  
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20°C OR ABOVE 54°C.  
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RAYMY ON T314 NORTHEAST BOUND.  
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV VISIBILITY TO 1 3/4 SM, LNAV CATS C AND D VISIBILITY TO 1 3/4 SM.  
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CON VOR/DME AIRWAY RADIALS 087 CW 245.

**ADDITIONAL FLIGHT DATA:**

HOLD N, RT, 170.96 INBOUND.  
 CHART FAS OBST: 652 STACK (33-022411) 430828N/0712803W.  
 CHART VDP AT 1.74 NM TO RW35.  
 WAAS CHANNEL # 90112  
 REFERENCE PATH ID: W35A  
 CHART CIRCLING ICON.  
 LTP HAE: 73.6 M

**MINIMUMS:**

**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT**

**ALTERNATE:** NA  STANDARD - CAT C, D 1200-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

<b>CATEGORY:</b>	<b>A</b>			<b>B</b>			<b>C</b>			<b>D</b>			<b>E</b>		
<b>FINAL TYPE</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>
LPV DA	586	1/2	250	586	1/2	250	586	1/2	250	586	1/2	250			
LNAV/VNAV DA	967	1 3/8	631	967	1 3/8	631	967	1 3/8	631	967	1 3/8	631			
LNAV MDA	940	1/2	604	940	1/2	604	940	1 3/8	604	940	1 3/8	604			
CIRCLING	940	1	598	1080	1	738	1500	3	1158	1500	3	1158			

**CHANGES - REASONS**

1. NOTES: REMOVED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LURCH ON V39 SOUTHBOUND." - V39 AIRWAY CANCELLED.
2. CHART NOTES: ADDED "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20°C OR ABOVE 54°C." - IAW 8260.19J, 8-6-10.R., INCORPORATES NOTAM 3/4166.
3. NOTES: ADDED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RAYMY ON T314 NORTHEAST BOUND." AND "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CON VOR/DME AIRWAY RADIALS 087 CW 245." - IAW 8260.58C, 1-2-5.A.(3).
4. PROFILE LINE 4: REMOVED "\*\*\*", AND "\*\*LNAV ONLY" FROM ADDITIONAL FLIGHT DATA. - NO LONGER REQUIRED.
5. ADDITIONAL FLIGHT DATA - UPDATED "CHART FAS OBST: 652 STACK 430828N/0712803W" TO "CHART FAS OBST: 652 STACK (33-022411) 430828N/0712803W" - ADDED OBST NUMBER IAW 8260.19J, 8-6-11.C.
6. ADDITIONAL FLIGHT DATA - REMOVED "778 AAO 430718N/0712509W" - IAW 8260.19J, 8-6-11.E(2).
7. PBN REQUIREMENTS - UPDATED FROM "RNP APCH." TO "RNP APCH - GPS". - IAW 8260.19J, 8-6-8.B.



**COORDINATED WITH:**

**A4A**  **ALPA**  **AOPA**  **APA**  **HAI**  **NBAA**

**OTHER:** ZBW, BOS APP CON, NH AERO, AMGR

**FLIGHT CHECKED BY**

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

**OFFICE**

**DATE**

**DAVID DANNER**

Jun 18, 2024

**DEVELOPED BY**

DAVID DANNER (MICHAEL DARDEN)

**OFFICE**

AJV-A421

**DATE**

04/19/2024

*Digitally signed by*

**DAVID DANNER**

Jun 18, 2024

**OFFICE**

AJV-A421

**DATE**

09/05/2024

**TITLE**

MANAGER

**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCON
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	431135.6340N
LTP/FTP LONGITUDE	0712953.3880W
LTP/FTP ELLIPSOIDAL HEIGHT	+00736
FPAP LATITUDE	431256.4385N
FPAP LONGITUDE	0713044.7685W
THRESHOLD CROSSING HEIGHT (TCH)	00048.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

**CRC REMAINDER** AD56603D

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01010
FPAP ORTHOMETRIC HEIGHT	+01010



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

<u>AIRPORT ID</u> CON	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>AMDT NO.</u> 1A	<u>CITY</u> CONCORD	<u>STATE</u> NH	<u>AIRPORT ELEVATION</u> 342	<u>FACILITY</u> RNAV
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**PART A: OBSTRUCTION DATA SEGMENTS**

**FEEDER**

<u>FROM</u> CON VOR/DME	<u>TO</u> ZUVLI
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<u>RNP</u> 1.00	<u>DISTANCE</u> 14.28	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	431321.00N/0713636.00W	955	164	98	4E	2000				AT845	3800
TERRAIN	430800.00N/0713218.00W	738 (700)								AS1500	2200

**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**

<u>FROM</u> LURCH	<u>TO</u> ZUVLI
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<u>RNP</u> 1.00	<u>DISTANCE</u> 19.78	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	425554.00N/0714818.00W	1933	164	98	4E	1000				AT867	3800
TERRAIN	425554.00N/0714818.00W	1732 (1700)								AS1500	3200

**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:**



**AIRPORT ID**  
CON

**PROCEDURE NAME**  
RNAV (GPS) RWY 35

**AMDT NO.**  
1A

**CITY**  
CONCORD

**STATE**  
NH

**AIRPORT ELEVATION**  
342

**FACILITY**  
RNAV

**INITIAL**

**FROM**  
RAYMY

**TO**  
ZUVLI

**RNP**  
1.00

**DISTANCE**  
12.47

**PAT**

**MAP**

**HAT**

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
TOWER (33-000026)	430349.00N/0711847.00W	1060	250	50	4D	1000				AT1740	3800
TERRAIN	430345.00N/0711906.00W	748 (700)								AS1500	2200

**COMPUTATIONS**

**ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**

**INTERMEDIATE**

**FROM**  
ZUVLI (IF/IAF)

**TO**  
YODGU

**RNP**  
1.00

**DISTANCE**  
6.11

**PAT**

**MAP**

**HAT**

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
TOWER (33-023161)	430229.40N/0712142.20W	1049	500	50	5D	500				AT451	2000
TERRAIN	430557.00N/0712433.00W	672 (700)								AS1000	1700

**COMPUTATIONS**

**ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**



**AIRPORT ID**  
CON

**PROCEDURE NAME**  
RNAV (GPS) RWY 35

**AMDT NO.**  
1A

**CITY**  
CONCORD

**STATE**  
NH

**AIRPORT ELEVATION**  
342

**FACILITY**  
RNAV

**FINAL: LPV**

**FROM**  
YODGU

**TO**  
RW35

**RNP**  
0.30

**DISTANCE**  
5.09

**PAT**

**MAP**  
DA

**HAT**  
250

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
							ASC				586

**COMPUTATIONS**

**ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**

MATCHING ILS FPT REQUESTED DA/HAT.

**FINAL: LNAV/VNAV**

**FROM**  
YODGU

**TO**  
RW35

**RNP**  
0.30

**DISTANCE**  
5.09

**PAT**

**MAP**  
DA

**HAT**  
631

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
TREE (33-021038)	431022.25N/0712808.06W	675	20	10	1B		23.92:1			SA-42 AC10 XP27	967

**COMPUTATIONS**

**ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**

XP ADJUSTMENT TO RETAIN CURRENT PUBLISHED MINS. MINS CAN BE LOWERED PER 8260.58C 3-3-5



**AIRPORT ID**  
CON

**PROCEDURE NAME**  
RNAV (GPS) RWY 35

**AMDT NO.**  
1A

**CITY**  
CONCORD

**STATE**  
NH

**AIRPORT ELEVATION**  
342

**FACILITY**  
RNAV

**FINAL: LNAV**

**FROM**  
YODGU

**TO**  
RW35

**RNP**  
0.30

**DISTANCE**  
5.09

**PAT**

**MAP**  
RW35

**HAT**  
604

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
STACK (33-022411)	430827.96N/0712803.10W	652	20	3	1A	250				XP38	940

**COMPUTATIONS**

**ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**

XP: FPT REQUEST - RETAIN PREVIOUS AMENDMENT MINIMUMS.

**HOLD-IN-LIEU OF PT**

**FROM**  
ZUVLI

**TO**  
P-5

**RNP**

**DISTANCE**

**PAT**  
P-5

**MAP**

**HAT**

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
AAO	430530.00N/0712118.00W	1152	164	98	4E	1000				AT1648	3800
TERRAIN	430530.00N/0712118.00W	952 (1000)								AS1500	2500

**COMPUTATIONS**

**ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**



**AIRPORT ID**  
CON

**PROCEDURE NAME**  
RNAV (GPS) RWY 35

**AMDT NO.**  
1A

**CITY**  
CONCORD

**STATE**  
NH

**AIRPORT ELEVATION**  
342

**FACILITY**  
RNAV

**MISSED APPROACH: LPV**

**FROM**  
DA **TO**  
INKOW

**RNP** 0.30 **DISTANCE** **PAT** **MAP** **HAT** **HMAS**  
397

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
							ASC				4500
AAO	432203.00N/0713336.00W	1408	164	98	4E	1000					2500
TERRAIN	432203.00N/0713336.00W	1207 (1200)								AS1500	2700

**COMPUTATIONS**

**ALT** **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**

**MISSED APPROACH: LNAV/VNAV**

**FROM**  
DA **TO**  
INKOW

**RNP** 0.30 **DISTANCE** **PAT** **MAP** **HAT** **HMAS**  
806

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
							ASC				4500
AAO	432203.00N/0713336.00W	1408	164	98	4E	1000					2500
TERRAIN	432203.00N/0713336.00W	1207 (1200)								AS1500	2700

**COMPUTATIONS**

**ALT** **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**





**AIRPORT ID**  
CON

**PROCEDURE NAME**  
RNAV (GPS) RWY 35

**AMDT NO.**  
1A

**CITY**  
CONCORD

**STATE**  
NH

**AIRPORT ELEVATION**  
342

**FACILITY**  
RNAV

**MISSED APPROACH: LNAV**

**FROM**  
RW35 **TO**  
INKOW

**RNP** 0.30 **DISTANCE** **PAT** **MAP** **HAT** **HMAS**  
840

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				4500
AAO	432203.00N/0713336.00W	1408	164	98	4E	1000					2500
TERRAIN	432203.00N/0713336.00W	1207 (1200)								AS1500	2700

**COMPUTATIONS**

**ALT** **CIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**

**CIRCLING**  ALL CATS  CAT A  CAT B  CAT C  CAT D  CAT E  NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TRANSMISSION_LINE (33-022978)	431118.28N/0712814.24W	1.30	598	622	20	3	1A	300			940
CATEGORY B											
TREE	431040.07N/0712746.75W	1.82	738	779	50	20	2C	300			1080
CATEGORY C											
TOWER (33-000038)	431309.30N/0712623.80W	2.86	1158	1187	20	3	1A	300			1500
CATEGORY D											
TOWER (33-000038)	431309.30N/0712623.80W	3.74	1158	1187	20	3	1A	300			1500

**CIRCLING REMARKS:**

**MSA**

**CENTER** RW35 **RADIUS**  
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	AAO	432259.74N/0715125.85W	322	19.4	3139	50	20	2C	1000			4200

**MSA REMARKS:**



**AIRPORT ID**  
CON

**PROCEDURE NAME**  
RNAV (GPS) RWY 35

**AMDT NO.**  
1A

**CITY**  
CONCORD

**STATE**  
NH

**AIRPORT ELEVATION**  
342

**FACILITY**  
RNAV

**NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:**

**PART B: SUPPLEMENTAL DATA**

**COMMUNICATIONS WITH**

BOS APP CON, BGR FSS

**WX SERVICE**  
ASOS

**LOCATION**  
CON

**HRS OPERATION**  
24

**ALTIMETER SOURCE**  
CON

**DISTANCE**  
0

**SERVICE-A**  
Y

**ADJUSTMENTS**  
0

**BACK-UP WX SERVICE**  
ASOS

**LOCATION**  
MHT

**HRS OPERATION**  
24

**ALTIMETER SOURCE**  
MHT

**DISTANCE**  
16.64

**SERVICE-A**  
Y

**ADJUSTMENTS**  
49

**WX REMARKS:**

RASS PRESSURE PATTERNS THE SAME  
KCON 342, KMHT 266  
RA = 48.9

**PRIMARY NAVAID**

**MONITOR POINT**

**HRS OPERATION**

**CAT**

<b>APPROACH AND RUNWAY LIGHTING SYSTEM</b>	<b>RUNWAY MARKINGS</b>	<b>RUNWAY VISUAL RANGE</b>
RW12 - MIRL (PCL)	NPI-G	
RW17 - HIRL (PCL), PAPI-4L	NPI-G	
RW30 - MIRL (PCL)	NPI-G	
RW35 - MALSR (PCL), HIRL (PCL), VASI-4L	PIR-G	

**GLIDESLOPE ANGLE**  
3.00

**ELEV RWY THRESHOLD**  
331.4

**TCH**  
48.6

**ELEV GS ANTENNA**

**DISTANCE FROM RWY**

**VGSI ANGLE**  
3.00

**TCH**  
50.4

**FINAL APPROACH COURSE AIMING**

RUNWAY THRESHOLD  
ON CENTERLINE

FT FROM THRESHOLD  
FT FROM CENTERLINE

DISPLACED THRESHOLD DISTANCE

**CRITICAL TEMPERATURES**

**CRITICAL LOW**  
-20C

**CRITICAL HIGH**  
+54C

**ACT**  
-21C

**APT ISA**  
+14.32C

**CRITICAL TEMPERATURE REMARKS:**

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2019-2023).  
CRITICAL LOW TEMPERATURE BASED ON EFFECTIVE GPA.  
DESCENT RATE (FPM): STANDARD TEMP 959 HIGH TEMP 1265.

**"VISUAL PORTION OF FINAL" PENETRATIONS**

FINAL TYPE	CIRCLING RWY 12
20:1	
429 TREE (33-020726) 431230.50N/0713050.30W (4.54)	430 TREE (33-020757) 431229.48N/0713051.69W (1.91)



**AIRPORT ID**  
CON

**PROCEDURE NAME**  
RNAV (GPS) RWY 35

**AMDT NO.**  
1A

**CITY**  
CONCORD

**STATE**  
NH

**AIRPORT ELEVATION**  
342

**FACILITY**  
RNAV

362 BUILDING (33-020714) 431231.01N/0713032.41W (0.85)		417 TREE (33-020770) 431229.48N/0713048.37W (0.78)	
FINAL TYPE	CIRCLING RWY 17		
20:1			
406 TREE (33-020686) 431237.23N/0713029.43W (6.21)			
FINAL TYPE	CIRCLING RWY 30		
20:1			
430 TREE (33-020855) 431213.05N/0712921.45W (12.27)		362 TREE (33-020823) 431217.22N/0712937.11W (5.76)	
352 VEGETATION (33-020794) 431217.60N/0712939.11W (3.41)			
<b><u>PENETRATIONS REMARKS:</u></b>			

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

and/or

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

<b><u>PENETRATIONS REMARKS:</u></b>

**PART C: GENERAL REMARKS:**

ARP IS A MOUNTAINOUS TERRAIN DEFINING COORDINATE.

100 FT TREE USED ON HIGH TERRAIN IAW FPT DIRECTION.

PREVIOUS STRAIGHT-IN MINIMA RETAINED PER FPT AND AIR TRAFFIC REQUEST.

WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MHT ALTIMETER SETTING AND INCREASE LPV DA TO 635, LNAV/VNAV DA TO 1016 AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 60 FEET, AND LNAV VISIBILITY CATS C AND D 1/8 SM.

FOR INOPERATIVE ALS WHEN USING MHT ALTIMETER SETTING INCREASE LPV ALL CATS VISIBILITY TO 7/8 SM, LNAV/VNAV ALL CATS VISIBILITY TO 1 7/8 SM AND LNAV CATS C AND D VISIBILITY TO 1 7/8 SM.

THE MHT IAF AND PROCEDURE NOTE REMOVED DUE TO DECOMMISSIONING OF MHT.

PRIOR MINIMUMS RETAINED. FPT STATED THAT THEY HAVE RECEIVED NO NOTICE THAT OBSTACLE CLEARANCE HAS BEEN COMPLETED.

ORDER 8260.3 CHAPTER 2 APPLIED TO 778 AAO 430718.00N/0712509.00W.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



AIRPORT ID  
CON

PROCEDURE NAME  
RNAV (GPS) RWY 35

AMDT NO.  
1A

CITY  
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STATE  
NH

AIRPORT ELEVATION  
342

FACILITY  
RNAV

**PART D: AIRSPACE**

**DOCKET #**

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

<b>DISTANCE FROM</b>	<b>THLD</b>	<b>TO 1000FT POINT</b>	3.83
<b>WIDTH OF</b>	<b>FINAL</b>	<b>SEGMENT AT 1000FT POINT</b>	1.20
<b>TRUE COURSE OF</b>	<b>FINAL</b>	<b>SEGMENT CONTAINING 1000FT POINT</b>	335.09
<b>HIGH TERRAIN IN</b>	<b>FINAL</b>	<b>SEGMENT CONTAINING 1000FT POINT</b>	600
<b>DISTANCE FROM</b>	<b>THLD</b>	<b>TO 1500FT POINT</b>	8.00
<b>WIDTH OF</b>	<b>INTERMEDIATE</b>	<b>SEGMENT AT 1500FT POINT</b>	4.00
<b>TRUE COURSE OF</b>	<b>INTERMEDIATE</b>	<b>SEGMENT CONTAINING 1500FT POINT</b>	335.11
<b>HIGH TERRAIN IN</b>	<b>INTERMEDIATE</b>	<b>SEGMENT CONTAINING 1500FT POINT</b>	700

**THRESHOLD COORDINATES (IF STR-IN)** 431135.63N/0712953.39W  
**ARP COORDINATES** 431209.80N/0713008.20W  
**RUNWAY APCH END AND DIST FURTHEST FROM ARP** RUNWAY 35 DISTANCE 0.60 NM  
**FAF COORDINATES** 430658.77N/0712657.67W  
**FIX NAME COORDINATES** IF/IAF ZUVLI 430126.03N/0712326.94W

**REMARKS**

NO ADDITIONAL AIRSPACE REQUIRED

**PART E: PREPARED BY**

<b><u>NAME</u></b>	<b><u>OFFICE</u></b>	<b><u>DATE</u></b>	<b><u>TITLE</u></b>
DAVID DANNER (MICHAEL DARDEN)	AJV-A421	04/19/2024	AERONAUTICAL INFORMATION SPECIALIST

