

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 ID</u> KCON	<u>PROCEDURE NAME</u> ILS OR LOC RWY 35	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> CONCORD	<u>STATE</u> NH		
<u>AIRPORT ELEVATION</u> 342	<u>TDZE</u> 336	<u>SUPERSEDED</u> ILS OR LOC RWY 35	<u>ORIGINAL/AMENDMENT</u> 1D	<u>DATED</u> 01/30/2020	<u>MAG VAR</u> 16W	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> I-CON	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 17 JUNE 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES**

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
CON VOR/DME		EPSOM LOM	FAF/IAF				153.24	8.12	2800
RAYMY INT		EPSOM LOM	FAF/IAF				299.07	15.39	2800

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: 4.90 NM AFTER EPSOM LOM

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 2800 DIRECT EPSOM LOM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2800.

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

CLIMB TO 2500 THEN CLIMBING LEFT TURN TO 3500 DIRECT TO CON VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3500.

**PROFILE:**

1. PT L SIDE OF COURSE 171.06 OUTBOUND 2500 FT WITHIN 10 MILES OF EPSOM LOM (IAF)

2.

3. FAC: 351.06 FAF: EPSOM LOM DIST FAF TO MAP: 4.90 DIST FAF TO THLD: 4.90

4. MIN ALT: EPSOM LOM 2000

5. DIST TO THLD FROM OM: 4.90 MM: IM: 150 HAT: GS ANT: 886

6. MIN GS INCPT: 2000 GS ALT AT FAF : EPSOM LOM OM: 1955 MM: IM:

7. GP ANGLE: 3.00 34:1: 20:1: TCH: 48.6

8. MSA FROM: CO LOM 046-226 3100, 226-316 3900, 316-046 4200

**EQUIPMENT REQUIREMENTS NOTES:**

ADF REQUIRED.



**NOTES:**

CHART NOTE: CIRCLING RWY 12, 17, 30 NA AT NIGHT.

**ADDITIONAL FLIGHT DATA:**

CHART (CFCHV) AT 430142.57N/0712337.28W.  
HOLD N, RT, 171.06 INBOUND.  
CHART FAS OBST: 652 STACK 430828N/0712803W.  
CHART 2800 PRIOR TO EPSOM LOM IN PROFILE.  
CHART CIRCLING ICON.

**MINIMUMS:**

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

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

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
S-ILS 35	586	1/2	250	586	1/2	250	586	1/2	250	586	1/2	250			
S-LOC 35	920	1/2	584	920	1/2	584	920	1 1/4	584	920	1 1/4	584			
CIRCLING	940	1	598	1080	1	738	1500	3	1158	1500	3	1158			

**CHANGES - REASONS**

1. INITIAL ROUTE FROM MHT VOR/DME TO EPSOM LOM REMOVED - MHT DECOMMISSIONING.
2. TCH CHANGED FROM 51.1 TO 48.6 - NEW DESIGN TCH ASSIGNED.
3. CO LOM MSA SECTOR 046 CW 226 CHANGED FROM 2900 TO 3100 AND SECTOR 226 CW 316 CHANGED FROM 3400 TO 3900 - NEW CONTROLLING OBSTACLES.
4. ADDED EQUIPMENT REQUIREMENTS NOTE CHART ADF REQUIRED - AIR TRAFFIC REQUEST AND 8260.19I 8-6-9.
5. CLIMB-IN-HOLD ADDED FOR ALTERNATE MISSED - NEW TARGETS EVALUATION.
6. REMOVED NOTE - RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA - 20:1 AND 34:1 SURFACES CLEAR.
7. ADDED ADDITIONAL FLIGHT DATA NOTE CHART CIRCLING ICON - NEW CIRCLING RADII USED.
8. ADDED ADDITIONAL FLIGHT DATA NOTE CHART 2800 PRIOR TO EPSOM LOM IN PROFILE AND CHART AT OR ABOVE 2800 AT EPSOM LOM - NEW PROCEDURE TURN ENTRY AREA CONTROLLING OBSTACLE.
9. FEEDER ROUTE SEGMENTS FROM CON VOR/DME TO EPSOM LOM AND RAYMY FIX TO EPSOM LOM CHANGED FROM 2500 TO 2800 - NEW ENTRY AREA ALTITUDE OF 2800.
10. CIRCLING CAT B MDA/HAT CHANGED FROM 1020/678 TO 1080/738, CATS C MDA/HAT CHANGED FROM 1020/678 TO 1500/1158, VISIBILITY FROM 2 TO 3 SM; CAT D MDA/HAT CHANGED FROM 1220/878 TO 1500/1158, VISIBILITY FROM 2 3/4 TO 3 SM - NEW CIRCLING CRITERIA APPLIED.
11. COURSE AND DISTANCE FROM CON VOR/DME TO EPSOM FROM CHANGED FROM 153.38/8.11 TO 153.24/8.12 - NEW LOCATION OF EPSOM LOM.
12. COURSE AND DISTANCE FROM RAYMY INT TO EPSOM FROM CHANGED FROM 299.01/15.40 TO 299.07/15.39 - NEW LOCATION OF EPSOM LOM.
13. OM ALT CHANGED FROM 1966 TO 1955 - MATCHING UPDATED AIRNAV DATA.
14. MM ALT REMOVED - NO MIDDLE MARKER.
15. REMOVED PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CON VOR/DME ON V141 NORTHBOUND - CANCELLATION OF V141.
16. INCREASED MISSED APPROACH ALTITUDE FROM 2500 TO 2800, AND ADDED CLIMB-IN-HOLD - NEW MISSED APPROACH LEVEL SURFACE CONTROLLING OBSTACLE.
17. INCREASED MSA SECTOR 316-46 ALTITUDE FROM 4100 TO 4200 - NEW CONTROLLING OBSTACLE.
18. REMOVED COURSE 172 FROM MISSED APPROACH INSTRUCTIONS - NOT NECESSARY WITH USE OF ADF.



COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZBW, BGR FSS, MHT ATCT, AIRPORT MANAGER

FLIGHT CHECKED BY

JEREMY R VIRTS

OFFICE

FICO

DATE

02/25/2021

*Digitally signed by*

**DAVID TEFFETELLER**

Mar 17, 2021

DEVELOPED BY

FRANK MOORE

*Digitally signed by*

**FRANK MOORE**

OFFICE

AJV-A433

DATE

08/24/2020

APPROVED BY

LONNIE EVERHART

Jan 25, 2021

*Digitally signed by*

**DAVID TEFFETELLER**

OFFICE

AJV-A430

DATE

TITLE  
MANAGER

Mar 17, 2021

