

ILS Y or LOC Y RWY 10R
CHICAGO O'HARE INTL (ORD)

ALSF-2

MISSED APPROACH: Climb to 1200 then climbing right turn to 4000 direct DPA VOR/DME and hold.

Simultaneous approach authorized.

ALTERNATE MISSED APPROACH FIX

JOLIET

JOT

112.3
Chan 70

R-246 066° 246°

MSA ORD 25 NM
3400

113.0 OBK Chan 77

113.0 OBK Chan 77

R-195

R-185

813

807

883

852

1468

FLYNN INT
I-BYW [5.6]
RADAR

KVENN
I-BYW [12.1]
RADAR

LEATH
I-BYW [18.4]
RADAR

OLLGA
I-BYW [21.5]
RADAR

FERLL
I-BYW [27.8]
RADAR

(IAF) GIBNS

271°

8000
091°
(3.1)

7000
(3.1)

6000
(3.1)

5000
(3.1)

4000
(3.1)

2300
091°
(5.6)

1508

TRUFL INT
I-BYW [3.5]
RADAR

WUGIX
I-BYW [2.1]
RADAR

9000
087° (20.1)

R-248 068° 248°

DUPAGE
108.4 DPA
Chan 21

LOCALIZER 110.9
I-BYW
Chan 46
LOC offset 2.50°

ELEV 680

TDZE 680

Figure 1: Example of a 4D chart. The chart displays a 4D flight path (S-LOC 10R) from 9000 feet to 4000 feet, with a 091° heading and a 3.00° track angle. The path is defined by a series of waypoints and radar stations: FERLL I-BYW (27.8), OLGA I-BYW (21.5), GOOZY I-BYW (15.3), MLSEN I-BYW (24.7), LEATH I-BYW (18.4), KVENN I-BYW (12.1), FLLYN INT I-BYW (6.6), TRUFL INT I-BYW (3.5), WUGIX I-BYW (2.1), and GS 3.00° TCH 55. The chart also shows a 2300-foot altitude constraint and a 2300-foot minimum. The chart is divided into four segments (A, B, C, D) with various navigation aids and radar stations. The chart is titled 'HRL all Rwy' and 'TDZ/CL all Rwy except 4L'. The chart is a 4D chart, showing altitude, heading, and track angle. The chart is a 4D chart, showing altitude, heading, and track angle. The chart is a 4D chart, showing altitude, heading, and track angle.

CHICAGO O'HARE INTL (ORD)

41°59'N-87°54'W

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