

LOC/DME I-AQI 111.75 Chan 54 (Y)	APP CRS 101°	Rwy Ldg 10114 TDZE 809 Apt Elev 815
--	------------------------	--

ILS RWY 10R (SA CAT I & II)
JOHN GLENN COLUMBUS INTL (CMH)

ADF required. DME or RADAR required.

T Simultaneous approach authorized.
SA CAT I, SA CAT II: Requires specific OPSPEC, MSPEC, or LOA approval.

MALSR

MISSED APPROACH: Climb to 1400 then climbing right turn to 3000 direct BU LOM and hold.

D-ATIS 124.6	COLUMBUS APP CON 125.95 371.975	COLUMBUS TOWER 132.7 257.8	GND CON 121.9 348.6	CLNC DEL 126.3	CPDLC
-----------------	------------------------------------	-------------------------------	------------------------	-------------------	-------

ALTERNATE MISSED
APCH FIX

055°
235°-R-055
APPLETON
APE : :-
116.7
Chan 114

2049 Δ

A 1503

APPLETON
5.7 APE :-
Chgn 114

3300 to JOGMA
255°
(24.2)

Procedure NA for arrival
on APE VORTAC airway
radials 194 CW 315.

LOM
BOUTN
230 BU ::::

ELEV 815		TDZE 809
----------	---	----------

ASA APE 25 NM

3100

VGSI and ILS glidepath not coincident
(VGSI Angle 3.00/ TCH 70).

1400	3000	BU

One Minute Holding Pattern

JOGMA
I-AQI 7.6
RADAR

SHUUU
I-AQI 4.4
RADAR

Diagram illustrating the addition of angles:

$$281^\circ + 101^\circ = 382^\circ$$

$$382^\circ - 360^\circ = 22^\circ$$
$$\frac{\text{GS } 3.00^\circ}{\text{TCH } 54}$$

A horizontal line representing a pipe of total length 1000'. The line is divided into two sections. The first section on the left is labeled '3.2 NM' and is shaded light blue. The second section on the right is labeled '4.5 NM' and is shaded light orange. The total length '1000'' is indicated at the far right end of the pipe.

CATEGORY	A	B	C	D
S-ILS 10R	SA CAT I	RA 146/14	150 DA 959	
S-ILS 10R	SA CAT II	RA 99/12	100 DA 909	

SA CATEGORY I & II ILS- SPECIAL AIRCREW
& AIRCRAFT CERTIFICATION REQUIRED

TDZ/CL Rwy 10R-28L
HIRL Rwy 10R-28L and 10L-28R

COLUMBUS, OHIO
Amdt 10 22APR21

40°00'N-82°54'W

JOHN GLENN COLUMBUS INTL (CMH)

ILS RWY 10R (SA CAT I & II)