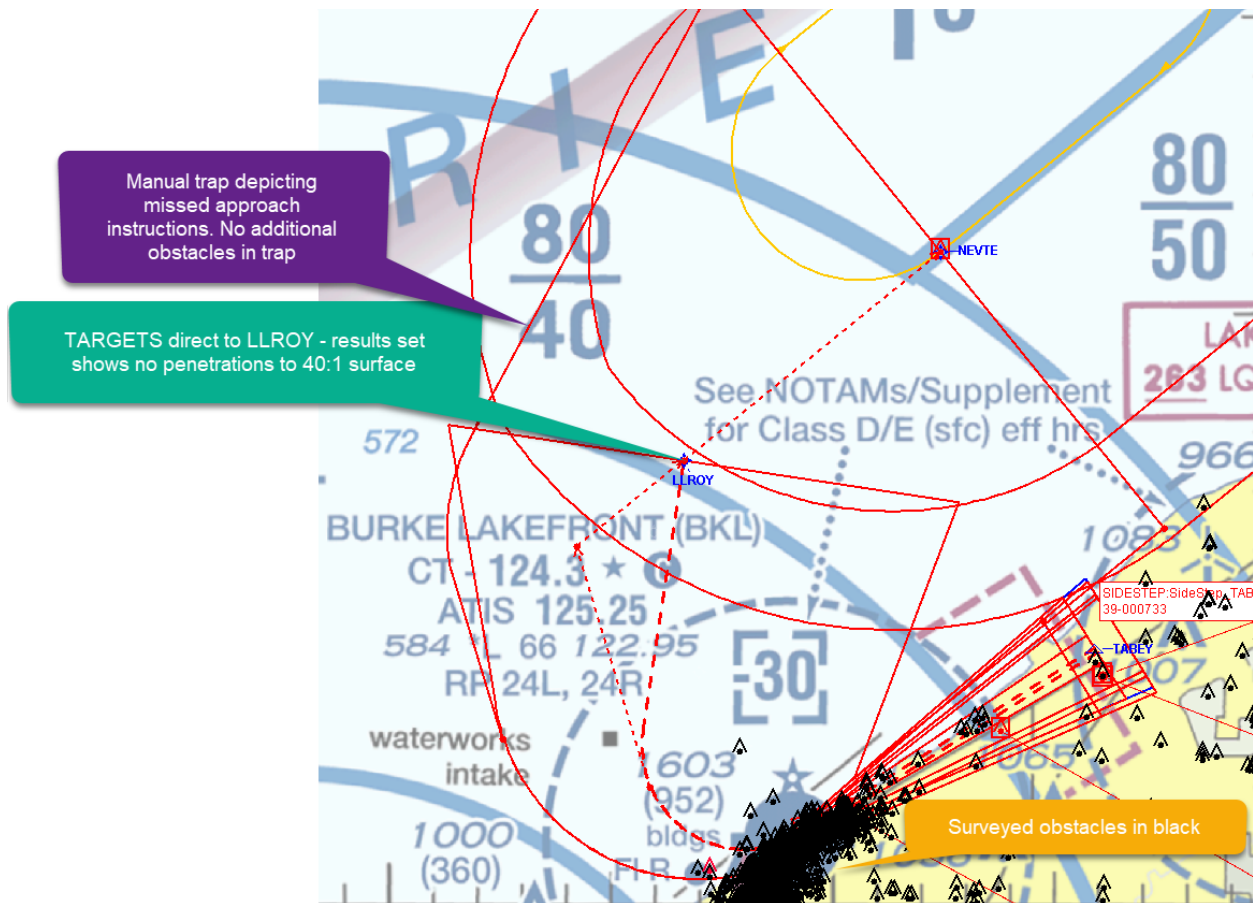


KBKL ILS OR LOC RWY 14R – TARGETS depictions showing clear missed approach for waiver



TARGETS results – ILS section 2 clear

Conventional Approach Reference Software Evaluation for RS KBKL ILS OR LOC RWY 24R - MA

Results Name: RS KBKL ILS OR LOC RWY 24R - MA

Last evaluation: 27-Oct-2021 15:16:35
Total evaluation time: 2 min 24.654 s
Reference Software version: 1.6.0
Project Chart Date: 03/24/2022

Penetrating Obstacle
Penetrating Controller
Cleared Controller
Accuracy Code Overridden

Display Options
☒ Round for Publication
☒ Apply Acc Adj Vals for Controller
Course Display
☒ True ☐ Magnetic

Intermediate Final Segment Minima Missed Approach Airspace Altitude Circling MSA Results Input Show/Hide/Color OEA's Procedure Notes

Flight Path Obstacle Evaluation Airspace Evaluation

Sloped Surface Level Surface

ILS LOC

Section 1 Section 2 Controller

Cat A Cat B Cat C Cat D

Primary Hat (ft):	333		
Primary RASS Adjustment (ft):	0		
Final Primary Hat PR (ft):	0	HMAS (ft):	692
Base DA/MDA (ft):	916	Section 1 Length (ft):	9861
Input CG (ft/NM):	200	Section 1 End Altitude (ft):	1116
Input CG Term Alt (ft):	-		
Published DA:	N41° 31' 51.48"		
	W081° 39' 22.78"		
		Start of Climb Altitude (ft):	1116.01
		Start of Climb OCS Altitude (ft):	987.48
		Start of Climb ROC (ft):	128.53
		Sect 2 Straight Area Length (ft):	9982.22
		Sect 2 Straight Area End OCS Alt (ft):	990.51
		Clearance Limit OCS Alt (ft):	1784.46
		Clearance Limit AC Alt (ft):	2051.27

Penetrating Considered

No obstacles.

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TARGETS results – LOC section 1 clear

Conventional Approach Reference Software Evaluation for RS KBKL ILS OR LOC RWY 24R - MA

Results Name: RS KBKL ILS OR LOC RWY 24R - MA

Last evaluation: 27-Oct-2021 15:16:35
Total evaluation time: 2 min 24.654 s
Reference Software version: 1.6.0
Project Chart Date: 03/24/2022

Penetrating Obstacle
Penetrating Controller
Cleared Controller
Accuracy Code Overridden

Display Options
☒ Round for Publication
☒ Apply Acc Adj Vals for Controller
Course Display
☒ True ☐ Magnetic

Intermediate Final Segment Minima Missed Approach Airspace Altitude Circling MSA Results Input Show/Hide/Color OEA's Procedure Notes

Flight Path Obstacle Evaluation Airspace Evaluation

Sloped Surface Level Surface

ILS LOC

Section 1 Section 2 Controller

Cat A Cat B Cat C Cat D

Primary Hat (ft):	477		
Primary RASS Adjustment (ft):	0		
Final Primary Hat PR (ft):	0	HMAS (ft):	810
Base DA/MDA (ft):	1060	Section 1 Length (ft):	1823
Input CG (ft/NM):	200	Section 1 End Altitude (ft):	1120
Input CG Term Alt (ft):	-		
Published DA:	-		
		Start of Climb Altitude (ft):	1060.00
		Start of Climb OCS Altitude (ft):	810.00
		Start of Climb ROC (ft):	250.00
		Sect 2 Straight Area Length (ft):	1822.83
		Sect 2 Straight Area End OCS Alt (ft):	855.60
		Clearance Limit OCS Alt (ft):	1785.16
		Clearance Limit AC Alt (ft):	2090.58

Penetrating Considered

No obstacles.

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TARGETS results – LOC section 2 clear

Conventional Approach Reference Software Evaluation for RS KBKL ILS OR LOC RWY 24R - MA

Results Name: RS KBKL ILS OR LOC RWY 24R - MA

Last evaluation: 27-Oct-2021 15:16:35
Total evaluation time: 2 min 24.654 s
Reference Software version: 1.6.0
Project Chart Date: 03/24/2022

Penetrating Obstacle
Penetrating Controller
Cleared Controller
Accuracy Code Overridden

Display Options
☒ Round for Publication
☒ Apply Acc Adj Vals for Controller
Course Display
☒ True ☐ Magnetic

Intermediate Final Segment Minima Missed Approach Airspace Altitude Circling MSA Results Input Show/Hide/Color OEA's Procedure Notes

Flight Path Obstacle Evaluation Airspace Evaluation

Sloped Surface Level Surface

ILS LOC

Section 1 Section 2 Controller

Cat A Cat B Cat C Cat D

Primary Hat (ft): 477
Primary RASS Adjustment (ft): 0
Final Primary Hat PR (ft): 0
Base DA/MDA (ft): 1060
Input CG (ft)/NM: 200
Input CG Term Alt (ft): -
Published DA: -

HMAS (ft): 810
Section 1 Length (ft): 1823
Section 1 End Altitude (ft): 1120

Start of Climb Altitude (ft): 1060.00
Start of Climb OCS Altitude (ft): 810.00
Start of Climb ROC (ft): 250.00
Sect 2 Straight Area Length (ft): 1822.83
Sect 2 Straight Area End OCS Alt (ft): 855.60
Clearance Limit OCS Alt (ft): 1785.16
Clearance Limit AC Alt (ft): 2090.58

Penetrating Considered

No obstacles.

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TARGETS results – 933 BUILDING hold-down segment controller does not penetrate 40:1 surface

Conventional Approach Reference Software Evaluation for RS KBKL ILS OR LOC RWY 24R - MA

Results Name: RS KBKL ILS OR LOC RWY 24R - MA

Last evaluation: 27-Oct-2021 15:16:35
Total evaluation time: 2 min 24.654 s
Reference Software version: 1.6.0
Project Chart Date: 03/24/2022

Penetrating Obstacle
Penetrating Controller
Cleared Controller
Accuracy Code Overridden

Display Options
☒ Round for Publication
☒ Apply Acc Adj Vals for Controller
Course Display
☒ True ☐ Magnetic

Intermediate Final Segment Minima Missed Approach Airspace Altitude Circling MSA Results Input Show/Hide/Color OEA's Procedure Notes

Flight Path Obstacle Evaluation Airspace Evaluation

Sloped Surface Level Surface

ILS LOC

Section 1 Section 2 Controller

Cat A Cat B Cat C Cat D

Primary Hat (ft): 333
Primary RASS Adjustment (ft): 0
Final Primary Hat PR (ft): 0
Base DA/MDA (ft): 916
Input CG (ft)/NM: 200
Input CG Term Alt (ft): -
Published DA: N41° 31' 51.40"
W081° 39' 22.78"

HMAS (ft): 692
Section 1 Length (ft): 9961
Section 1 End Altitude (ft): 1116

Start of Climb Altitude (ft): 1116.01
Start of Climb OCS Altitude (ft): 967.40
Start of Climb ROC (ft): 128.53
Sect 2 Straight Area Length (ft): 9962.22
Sect 2 Straight Area End OCS Alt (ft): 990.51
Clearance Limit OCS Alt (ft): 1784.46
Clearance Limit AC Alt (ft): 2051.27

Penetrating Considered

Area	Name	Source	Obs Type	Latitude	Longitude	Height (ft)	Height (ft) AGL	Height (ft) MSL	AC (ft) (ft)	Effective Height (ft)	Amount of Penetration (ft)	Primary Equip Height (ft) AGL	Primary Dist (ft)	Secondary Dist (ft)	SA	Sloped Surf ROC (ft)
ZONE2	39-068970	3PPA	STACK	N41° 30' 33.40"	W081° 40' 56.97"	892.0	259.0	892.0	1A (+20/+3)	892.0	-62.28	892	0.07	0.0	0	176
ZONE2	39-002670	3PPA	STACK	N41° 30' 33.34"	W081° 40' 56.91"	890.0	275.0	890.0	1A (+20/+3)	890.0	-64.35	890	0.07	0.0	0	176
ZONE2	39-000988	3PPA	STACK	N41° 30' 32.62"	W081° 40' 58.61"	887.0	252.0	887.0	1A (+20/+3)	887.0	-71.06	887	0.09	0.0	0	177
ZONE2	39-001728	3PPA	BUILDING	N41° 30' 21.31"	W081° 41' 28.35"	913.0	295.0	913.0	5A (+20/+3)	913.0	-42.46	913	0.47	0.0	0	192
ZONE2	39-036448	3PPA	BUILDING	N41° 30' 24.40"	W081° 41' 27.79"	927.0	377.0	927.0	1A (+20/+3)	927.0	-69.17	927	0.47	0.0	0	193
ZONE2	39-023693	3PPA	TOWER	N41° 30' 38.01"	W081° 41' 03.10"	813.0	181.0	813.0	1A (+20/+3)	813.0	-145.05	813	0.09	0.0	0	177
ZONE2	39-002079	3PPA	TOWER	N41° 30' 37.00"	W081° 41' 01.00"	802.0	179.0	802.0	5D (+500/+50)	802.0	-154.02	802	0.08	0.0	0	176
ZONE2	39-002412	3PPA	BUILDING	N41° 30' 25.00"	W081° 41' 23.00"	826.0	186.0	826.0	5D (+500/+50)	826.0	-181.64	826	0.42	0.0	0	192
ZONE2	TP1602067	AJVA_DTD	TERRAIN+VEG	N41° 30' 36.00"	W081° 40' 57.00"	620.08	100.0	720.08	4E (+154/+96)	720.08	-230.84	721	0.0	0.0	0	176

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