

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
NDB STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.27

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</u> OLNEY-NOBLE	<u>AIRPORT ID</u> KOLY	<u>PROCEDURE NAME</u> NDB RWY 4	<u>ORIGINAL/AMENDMENT</u> 14A	<u>CITY</u> OLNEY-NOBLE	<u>STATE</u> IL	
<u>AIRPORT ELEVATION</u> 482	<u>TDZE</u> 472	<u>SUPERSEDED</u> NDB RWY 3	<u>ORIGINAL/AMENDMENT</u> 14	<u>DATED</u> 02/04/2016	<u>MAG VAR</u> 3W	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> OLY	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<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>
BIB VORTAC		OLY NDB					126.79	18.89	2400

MISSED APPROACH

MAP:
OLY NDB

MISSED APPROACH INSTRUCTIONS:
CLIMBING RIGHT TURN TO 2400 IN OLY NDB HOLDING PATTERN.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT L **SIDE OF COURSE** 228.00 **OUTBOUND** 2000 **FT WITHIN** 10 **MILES OF** OLY NDB (IAF)
- 2.
3. **FAC:** 048.00 **FAF:** **DIST FAF TO MAP:** **DIST FAF TO THLD:**
4. **MIN ALT:**
8. **MSA FROM:** OLY NDB 2500

EQUIPMENT REQUIREMENTS NOTES:

NOTES:

CHART NOTE: RWY 4 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE EVANSVILLE RGNL ALTIMETER SETTING AND INCREASE ALL MDA 140 FEET AND INCREASE S-4 CAT C AND D AND CIRCLING CAT C VISIBILITY 3/8 MILE AND CIRCLING CAT D VISIBILITY 1/2 MILE.



ADDITIONAL FLIGHT DATA:

CHART 2400 PRIOR TO OLY NDB IN PROFILE.
CHART CIRCLING ICON.
CHART FAS OBST: 690 TOWER 384012N/0881327W.
FAC CROSSES RWY C/L EXTENDED 5135 FT FROM THLD.
HOLD SW, RT, 048.00 INBOUND

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, 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-04	1040	1	568	1040	1	568	1040	1 5/8	568	1040	1 5/8	568			
CIRCLING	1040	1	558	1040	1	558	1040	1 5/8	558	1180	2 1/4	698			

CHANGES - REASONS

1. REMOVED THE FEEDER SEGMENT FROM SAMSVILLE VOR/DME TO OLNEY NDB. - SAMSVILE VOR/DME IS TO BE DECOMMISSIONED.
2. NDB RWY 3 CHANGED TO NDB RWY 4. - 2020 MAG VAR CHANGED WAS APPLIED AND RUNWAY NUMBER CHANGED.
3. REMOVED CHART NOTE: NIGHT LANDING RWY 3, 21, 29 NA. - PREVIOUS 20:1 PENETRATIONS ARE OUTSIDE THE REVISED 20:1 VISUAL SURFACE AREA (CAT A/B).
4. UPDATED CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED TO HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. - 34:1 PENETRATIONS IDENTIFIED FOR RWY 4.
5. CHANGED S-3 TO S-4 IN BACKUP ALTIMETER NOTE - RWY 3 CHANGED TO RWY 4.
6. CHANGED FAS OBST IN ADDITIONAL FLIGHT DATA FROM 689 AAO (383959.84N/0881232.18W TO 690 TOWER (17-021350) AT 384011.57N/0881326.60W. - NEW CONTROLLING OBSTACLE IDENTIFIED.
7. ADDED ALPA TO COORDINATED WITH BLOCK - ALL14 CFR PART 97 SIAPS ARE COORDINATED WITH ALPA (8260.19D, 8-6-13 A)

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZKC ARTCC, AMGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

DEVELOPED BY

ROBERT G HAMILTON (MARSHALL SCOTT)

APPROVED BY

JULIE MORGAN

OFFICE

OFFICE

AJV-A422

OFFICE

AJV-A42

DATE

DATE

01/28/2019

DATE

Digitally signed by
ROBERT G HAMILTON
Feb 22, 2019

Digitally signed by
ROBERT G HAMILTON
Feb 22, 2019

TITLE
MANAGER

Digitally signed by
ROBERT G HAMILTON
Feb 22, 2019



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

<u>AIRPORT</u> OLNEY-NOBLE	<u>AIRPORT ID</u> KOLY	<u>PROCEDURE NAME</u> NDB RWY 4	<u>AMDT NO.</u> 14A	<u>CITY</u> OLNEY-NOBLE	<u>STATE</u> IL	<u>AIRPORT ELEVATION</u> 482	<u>FACILITY</u> OLY
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

<u>FROM</u> BIB VORTAC	<u>TO</u> OLY NDB
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<u>RNP</u>	<u>DISTANCE</u> 18.89	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
1.TOWER (17-022662)	385143.42N/0882359.33W	818	500	50	5D	1000				AT582	2400
2.TERRAIN	384654.00N/0881024.00W	571 (600)								AS1500	2100

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:

FINAL: PT

<u>FROM</u> 10 NM	<u>TO</u> OLY NDB
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<u>RNP</u>	<u>DISTANCE</u> 10.00	<u>PAT</u>	<u>MAP</u> OLY NDB	<u>HAT</u> 568	<u>HMAS</u>
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<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
3.TOWER (17-021350)	384011.57N/0881326.61W	690	50	20	2C	350					1040

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:



ENTRY ZONE

FROM

OLY NDB

TO

10 NM

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
6.TOWER (17-000154)	384201.00N/0880453.00W	1012	20	50	1D	1000				XP300	2400

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

SIAP CURRENTLY DOES NOT ALLOW TERRAIN DOCUMENTATION FOR AIRSPACE IN THE ENTRY ZONE SEGMENT. TERRAIN INFORMATION FOR THIS SEGMENT IS:
7. TERRAIN (384654.00N/0881024.00W), 571, (600) MSL, AIRSPACE ADJUSTMENT 1500, MINIMUM ALT 2100.

PROCEDURE TURN

FROM

OLY NDB

TO

10 NM

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
4.TOWER (17-002156)	383021.22N/0882604.42W	867	50	20	2C	1000					1900
5.TERRAIN	384416.00N/0881206.00W	549 (500)								AS1500	2000

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



HMAS
690

RF CENTER FIX/DISTANCE

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MSA

CENTER

OLY NDB

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (17-000499)	385018.00N/0880746.00W	016	07.5	1449	500	125	5E	1000			2500

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
ZKC ARTCC, STL FSS

<u>WX SERVICE</u> AWOS	<u>LOCATION</u> KOLY	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KOLY	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> KEVV	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KEVV	<u>DISTANCE</u> 51.06	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 126

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
KOLY 482.1 MSL, KEVV 421.9 MSL
RA = 125.7.

<u>PRIMARY NAVAID</u> OLY NDB	<u>MONITOR POINT</u> MOCC	<u>HRS OPERATION</u> 24	<u>CAT</u> 1
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>	
RW29 - MIRL (PCL), PAPI-2L	BSC-F		
RW21 - MIRL (PCL)	BSC-P		
RW22 - MIRL (PCL)	BSC-P		
RW11 - MIRL (PCL), REIL (PCL), PAPI-2L	NPI-F		
RW03 - MIRL (PCL), REIL (PCL)	NPI-P		
RW04 - MIRL (PCL), REIL (PCL)	NPI-P		

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
<u>FINAL APPROACH COURSE AIMING</u>						
RUNWAY THRESHOLD	<input type="checkbox"/>	5135	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE		
ON CENTERLINE	<input checked="" type="checkbox"/>		FT FROM CENTERLINE			

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:



"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	RWY 4		
34:1			
518 TREE (17-042241) 384249.60N/0881059.75W (13.22)		523 TREE (17-038502) 384245.53N/0881100.45W (7.45)	
483 TRAVERSE WAY (17-058139) 384254.54N/0881048.79W (5.09)		521 TREE (17-041553) 384245.98N/0881102.67W (3.51)	
515 TREE (17-038501) 384246.49N/0881101.09W (0.89)			

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - FINAL FACILITY DOES NOT HAVE DME.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

AVERAGE VEGETATION 100 FEET.

ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



PART D: AIRSPACE

DOCKET #

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

DISTANCE FROM	FACILITY	TO 1000FT POINT	
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	0
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	
DISTANCE FROM	FACILITY	TO 1500FT POINT	
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	0
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	
THRESHOLD COORDINATES (IF STR-IN)	384259.60N/0881043.65W		
ARP COORDINATES	384318.58N/0881035.16W		
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 11 DISTANCE 0.41 NM		
FAF COORDINATES			
FIX NAME COORDINATES			
REMARKS			



<u>AIRPORT</u> OLNEY-NOBLE	<u>AIRPORT ID</u> KOLY	<u>PROCEDURE NAME</u> NDB RWY 4	<u>AMDT NO.</u> 14A	<u>CITY</u> OLNEY-NOBLE	<u>STATE</u> IL	<u>AIRPORT ELEVATION</u> 482	<u>FACILITY</u> OLY
PART E: PREPARED BY							
<u>NAME</u> ROBERT G HAMILTON (MARSHALL SCOTT)			<u>OFFICE</u> AJV-A422		<u>DATE</u> 01/28/2019	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST	

