

OBSTRUCTION DATA SHEET

ODS 515
LEWISTON-NEZ PERCE COUNTY AIRPORT
LEWISTON, IDAHO

DIGITIZED FROM

OC 515
SURVEYED MAY 1993
9TH EDITION

HORIZONTAL DATUM NAD 83
VERTICAL DATUM NGVD 29



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OBSTRUCTION DATA SHEET

The Obstruction Data Sheet (ODS) provides digital obstruction and runway data for use in aircraft arrival and departure planning. This information has been obtained using field survey and photogrammetric methods by the Photogrammetry Branch of the National Ocean Service in accordance with Federal Aviation Regulations Part 77 (FAR-77), "Objects Affecting Navigable Airspace" and FAA No. 405, "Specifications - Airport Obstruction Chart and Related Products."

The ODS is a derivative of the Airport Obstruction Chart (OC). The source OC is indicated on the ODS cover. All objects, both obstructing and nonobstructing, that carry an elevation on the OC are listed in the ODS. The ODS and the OC depict a representation of objects that existed at the time of the OC field survey.

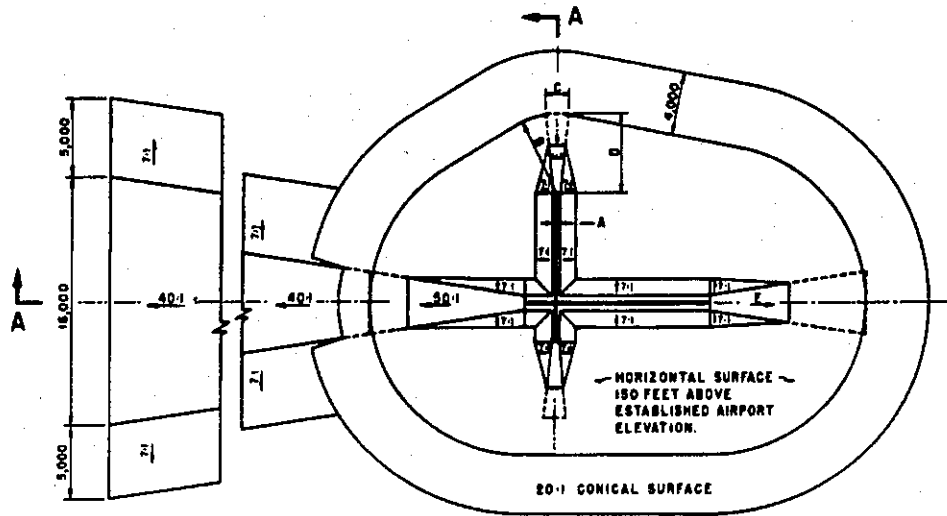
ODS information is arranged as follows:

1. Objects located in an FAR-77 approach or primary and listed with the associated runway (reference runway).
2. All objects not included in "1" above are listed with the Airport Reference Point (ARP).
3. Runway configuration and runway lengths, widths, and elevations are presented on the ODS last page.

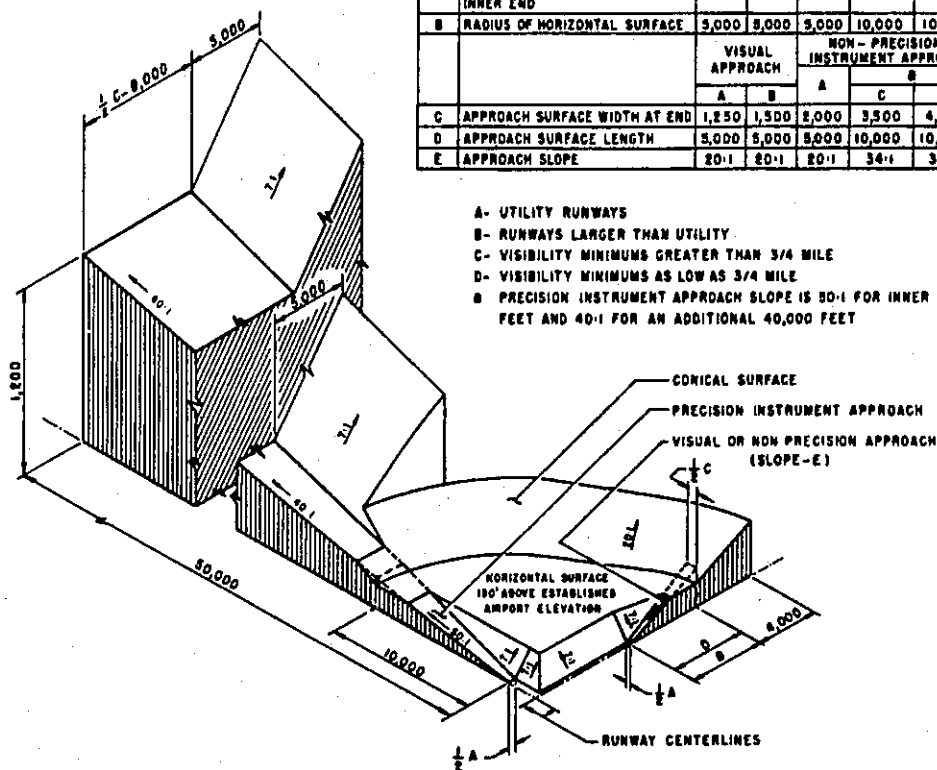
The FAR-77 imaginary approach surfaces for which the obstruction surveys were performed are coded in the ODS as follows:

A(V) Utility runway - visual approach only
A(NP) Utility runway - nonprecision instrument approach
B(V) Nonutility runway - visual approach only
C Nonutility runway - nonprecision instrument
approach with visibility minimums greater than
3/4 mile
D Nonutility runway- nonprecision instrument approach
with visibility minimums as low as 3/4 mile
PIR Precision instrument runway
SUPLC Supplemental C underlying a B(V)

FAR-77 imaginary surface dimensions are defined on page 2 of this report.



DIM	ITEM	DIMENSIONAL STANDARDS (FEET)					
		VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY		PRECISION INSTRUMENT RUNWAY	
		A	B	A	C	D	
A	WIDTH OF PRIMARY SURFACE AND APPROACH SURFACE WIDTH AT INNER END	250	500	500	500	1,000	1,000
B	RADIUS OF HORIZONTAL SURFACE	5,000	5,000	5,000	10,000	10,000	10,000
		VISUAL APPROACH		NON-PRECISION INSTRUMENT APPROACH		PRECISION INSTRUMENT APPROACH	
		A	B	A	C	D	
C	APPROACH SURFACE WIDTH AT END	1,250	1,500	2,000	3,500	4,000	15,000
D	APPROACH SURFACE LENGTH	5,000	5,000	5,000	10,000	10,000	*
E	APPROACH SLOPE	20:1	20:1	20:1	34:1	34:1	*



- A- UTILITY RUNWAYS
- B- RUNWAYS LARGER THAN UTILITY
- C- VISIBILITY MINIMUMS GREATER THAN 3/4 MILE
- D- VISIBILITY MINIMUMS AS LOW AS 3/4 MILE
- * PRECISION INSTRUMENT APPROACH SLOPE IS 30:1 FOR INNER 10,000 FEET AND 40:1 FOR AN ADDITIONAL 40,000 FEET

ISOMETRIC VIEW OF SECTION A-A

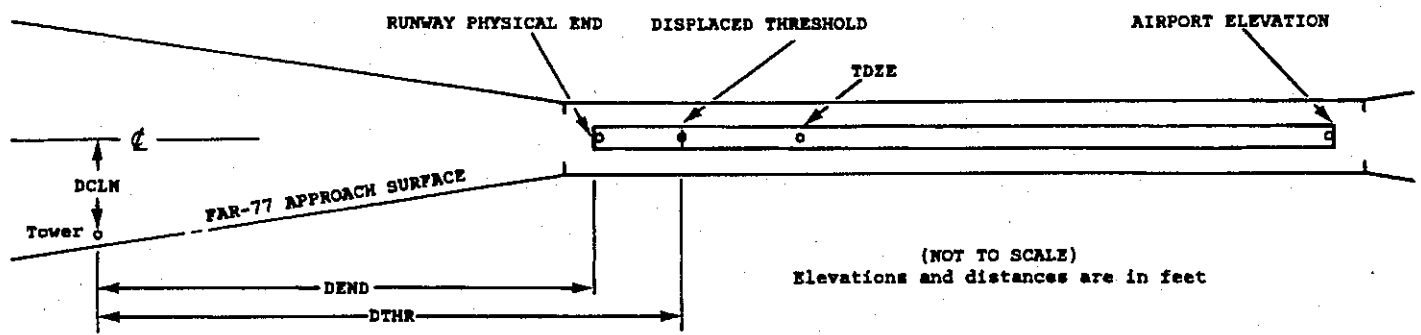
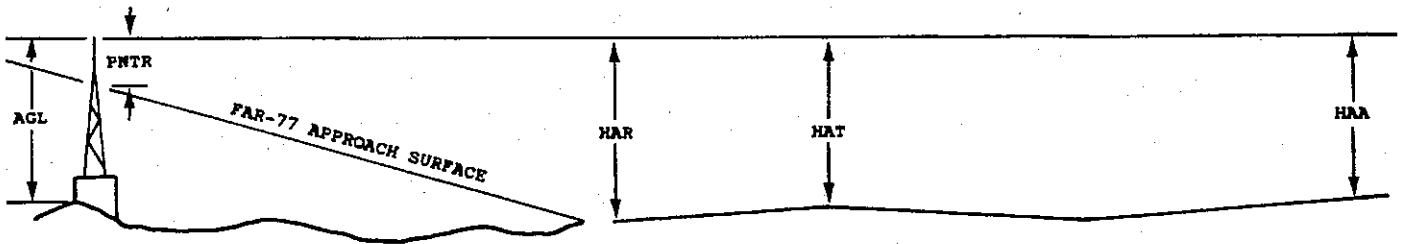
FAR-77 CIVIL AIRPORT
IMAGINARY SURFACES

ANNOTATION OF ODS DATA FORMAT

OC XXXX

AIRPORT ELEVATION XXXX

1 X	2 X	3 XXXX/XXXX	4 XXXXXX.XXX	4 XXXXXXXX.XXX	5 XXXXXXX	6 XXXX/XXXX	7 XXXXXX.XXX	7 XXXXXXXX.XXX	8 A	9 ELEV	10 AGL	11 HAR	11 HAT	11 HAA	12 DEND	12 DTHR	12 DCLN	13 PNTR
XXXXXXXXXXXX			XXXXXX.XXX	XXXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX	XXXX
XXXXXXXXXXXX			XXXXXX.XXX	XXXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX	XXXX



EXPLANATION OF FOOTNOTES

- 1 Data block identifier. If a runway number is entered (reference runway), this data block will contain data pertinent to the reference runway and to objects in the FAR-77 approach and primary areas of the reference runway. If ARP is entered, this data block will contain the ARP position and data relative to all objects not in an FAR-77 approach or primary area.
 - 2 For the reference runway, the lowest FAR-77 approach surface for which an obstruction survey was performed. (More than one surface may be surveyed).
 - 3 Elevation at approach end of reference runway/touchdown zone elevation
 - 4 Latitude and longitude at approach end of reference runway
 - 5 Geodetic azimuth of reference runway reckoned from north
 - 6 Elevation at reference runway displaced threshold/touchdown zone elevation
 - 7 Latitude and longitude at reference runway displaced threshold
 - 8 Accuracy codes: Horizontal(Ft.) Vertical(Ft.)
 1 = 20 A = 2
 2 = 40 B = 5
 C = 20
 - 9 Elevation above mean sea level (MSL) at top of object. This value includes 15 feet added to noninterstate roads, 17 feet added to interstate roads, and 23 feet added to railroad tracks.
 - 10 Height above ground level (AGL). AGL's are provided only for manmade objects appearing on the OC and equal to or greater than 200 feet AGL. AGL accuracy is 10 feet.
 - 11 HAA - Height above airport
HAR - Height above approach end of reference runway
HAT - Height above reference runway touchdown zone elevation
 - 12 DEND - Distance along reference runway centerline from point nearest to object (perpendicular) to approach end of runway
DTHR - Distance along reference runway centerline from point nearest to object (perpendicular) to displaced threshold
DCLN - Distance left (L) or right (R) of reference runway centerline as observed facing forward in a landing aircraft
- A negative value for DEND or DTHR indicates that object is in primary on roll-out side of zero distance point.
- 13 PNTR - Penetration of indicated FAR-77 approach or primary surface (See footnote 2).

OC0515

AIRPORT ELEVATION 1438

11 SUPLC 1367/1412 462254.439 -1170124.713 1313655.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	462259.98	-1170130.08	1A	1376		9	-36	-62	654		170L	-4
TREE	462300.13	-1170140.35	1A	1381		14	-31	-57	1202		297R	-15

29 SUPLC 1438/1438 462221.658 -1170031.406 3113733.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON GS	462214.63	-1170020.76	1A	1461		23	23	23	1031		36L	-2

8 C 1424/1437 462225.538 -1170139.284 984720.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON GS	462214.63	-1170020.76	1A	1461		37	24	23	-5610		250R	27
GROUND	462215.71	-1170048.46	1A	1452		28	15	14	-3675		439R	15
GROUND	462217.48	-1170107.25	1A	1454		30	17	16	-2345		463R	20
GROUND	462218.42	-1170117.78	1A	1453		29	16	15	-1601		482R	22
GROUND	462221.08	-1170130.54	1A	1432		8	-5	-6	-675		352R	5
ANT ON ELEC EQUIP	462228.61	-1170139.47	1A	1425		1	-12	-13	61		306L	1
OL ON LOC	462225.99	-1170143.51	1A	1425		1	-12	-13	300		OR	-2

26 PIR 1430/1438 462215.706 -1170007.509 2784827.

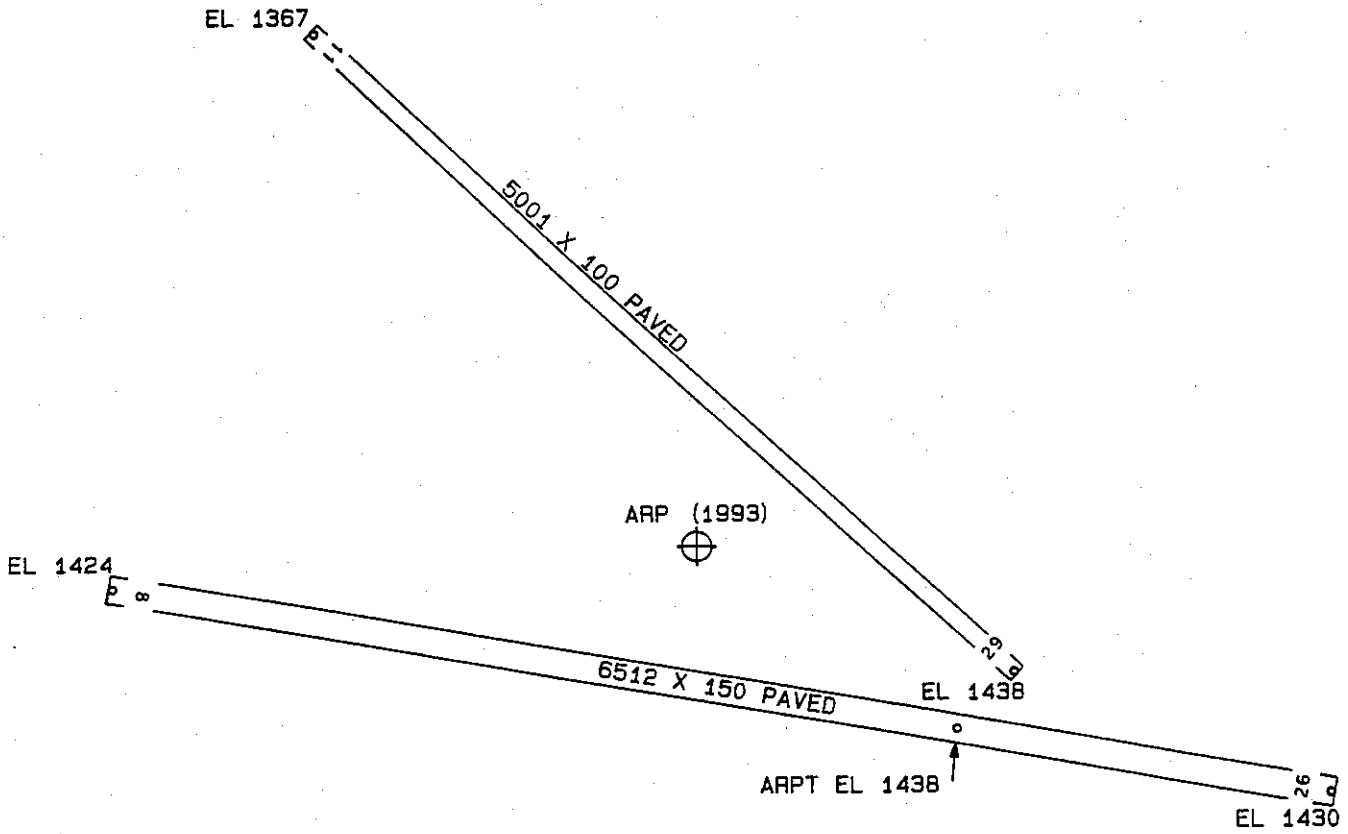
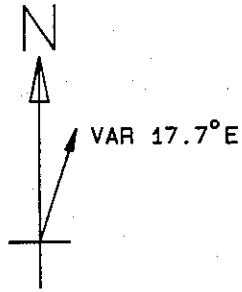
OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ANT ON ELEC EQUIP	462228.61	-1170139.47	1A	1425		-5	-13	-13	-6573		306R	1
GROUND	462221.08	-1170130.54	1A	1432		2	-6	-6	-5837		352L	5
GROUND	462218.42	-1170117.78	1A	1453		23	15	15	-4912		482L	22
GROUND	462217.48	-1170107.25	1A	1454		24	16	16	-4168		463L	20
GROUND	462215.71	-1170048.46	1A	1452		22	14	14	-2838		439L	15
OL ON GS	462214.63	-1170020.76	1A	1461		31	23	23	-902		250L	27
GROUND	462219.95	-1165951.87	1A	1445		15	7	7	1018		593R	-2
TREE	462155.66	-1165839.80	1A	1562		132	124	124	6389		1064L	8
TREE	462208.30	-1165835.79	1A	1583		153	145	145	6471		244R	27
TREE	462211.39	-1165814.68	1A	1607		177	169	169	7886		781R	23
TREE	462214.24	-1165804.98	1A	1615		185	177	177	8514		1171R	19

OC0515

AIRPORT ELEVATION 1438

ARP 462228.193 -1170055.420

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
OL ON AMOM	462229.43	-1170056.70	1A	1447		9	30630	154
ANT ON APBN	462229.10	-1170059.02	1A	1483		45	27222	268
OL ON AMOM	462231.30	-1170057.92	1A	1442		4	31314	360
WSK	462233.87	-1170101.78	1A	1434		-4	30431	728
OL ON WTET	462233.84	-1170102.85	1A	1430		-8	30000	774
ANT ON OL ATCT	462232.47	-1170031.06	1A	1534		96	5803	1762
TREE	462245.21	-1170119.35	1A	1419		-19	29804	2406
SIGN	462219.56	-1170132.27	1A	1446		8	23336	2728
LT POLE	462227.70	-1170016.17	1A	1520		82	7320	2753
GROUND	462221.89	-1170002.58	1A	1455		17	8204	3760
TREE	462257.62	-1170137.69	1A	1382		-56	29728	4204
TREE	462223.31	-1165947.04	1A	1497		59	7811	4820
TREE	462149.33	-1165829.96	1A	1586		148	9323	10935
TREE	462228.15	-1165816.88	1A	1598		160	7218	11117
GROUND	462021.42	-1170016.50	1A	1661		223	15017	13130



TOUCHDOWN ZONE RUNWAY ELEVATION	
11	1412
29	1438
8	1437
26	1438

LEWISTON-NEZ PERCE COUNTY AIRPORT
 LEWISTON, IDAHO
 (NOT TO SCALE)
 (ELEVATIONS AND DISTANCES IN FEET)