

OBSTRUCTION DATA SHEET

ODS 5007
CHESS-LAMBERTON AIRPORT
FRANKLIN, PENNSYLVANIA

DIGITIZED FROM

OC 5007
SURVEYED NOVEMBER 1993
8TH 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.

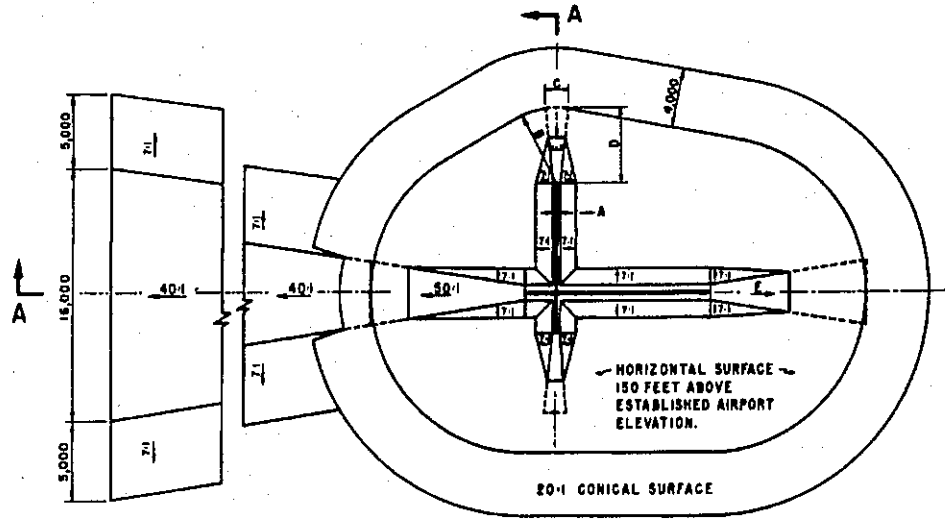
ODS information is arranged as follows:

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:

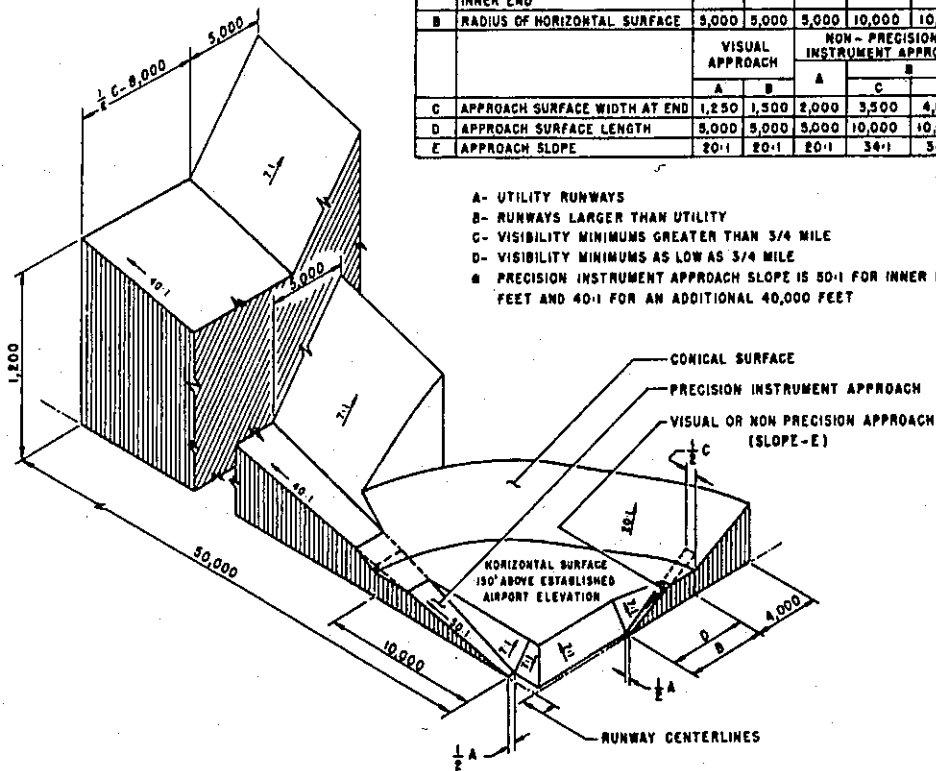
A(V) Utility runway - visual approach only
A(NP) Utility runway - nonprecision instrument approach
B(V) Nonutility runway - visual approach only
C Nonutility runway - nonprecision instrument
approach with visibility minimums greater than
3/4 mile
D Nonutility runway- nonprecision instrument approach
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	800	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	16,000
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 50:1 FOR INNER 10,000 FEET AND 40:1 FOR AN ADDITIONAL 40,000 FEET



ISOMETRIC VIEW OF SECTION A-A

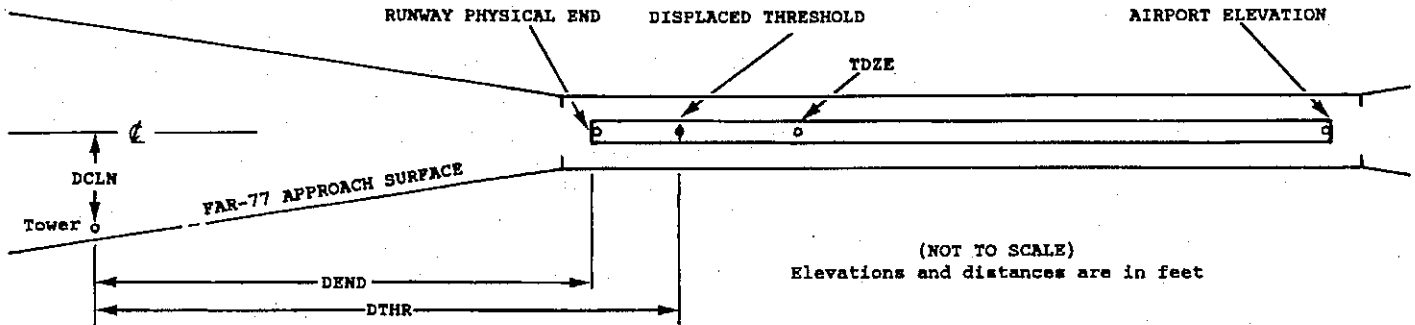
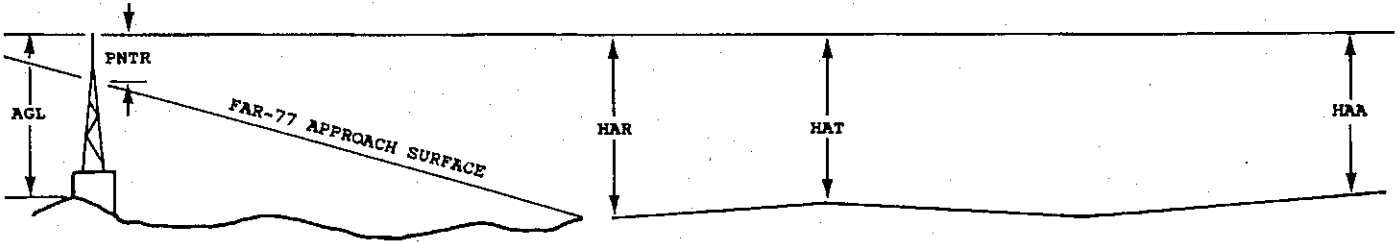
FAR-77 CIVIL AIRPORT
IMAGINARY SURFACES

ANNOTATION OF ODS DATA FORMAT

OC XXXX

AIRPORT ELEVATION XXXX

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

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AIRPORT ELEVATION 1540

11 SUPLC 1530/1540 412250.271 -795159.865 1053813.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	412248.78	-795205.52	1A	1586		56	46	46	375		262R	51
TREE	412253.74	-795203.87	1A	1552		22	12	12	389		256L	17
TREE	412254.46	-795207.95	1A	1561		31	21	21	708		242L	17
TREE	412250.04	-795214.86	1A	1576		46	36	36	1094		331R	20
TREE	412255.19	-795219.20	1A	1592		62	52	52	1554		82L	23
TREE	412258.72	-795219.56	1A	1621		91	81	81	1676		419L	48
TREE	412255.89	-795224.99	1A	1611		81	71	71	1998		31L	29
TREE	412256.68	-795232.40	1A	1632		102	92	92	2563		43R	33
TREE	412254.42	-795242.37	1A	1645		115	105	105	3234		469R	26

29 SUPLC 1532/1540 412240.421 -795113.154 2853844.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
SIGN	412241.80	-795108.23	1A	1539		7	-1	-1	324		235R	3
TREE	412237.46	-795056.12	1A	1556		24	16	16	1332		62R	-9
TREE	412230.49	-795041.60	1A	1591		59	51	51	2587		319L	-11

2 C 1527/1540 412212.258 -795147.987 171548.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON GS	412252.80	-795134.70	1A	1560		33	20	20	-4219		250L	23
OL ON WSK	412251.14	-795138.81	1A	1562		35	22	22	-3966		500L	24
AMOM	412239.67	-795131.25	1A	1586		59	46	46	-3028		395R	47
OL ON HANGAR	412235.05	-795131.75	1A	1568		41	28	28	-2571		497R	29
TREE	412208.29	-795142.72	1A	1583		56	43	43	264		503R	54
OL ON LOC	412207.08	-795150.12	1A	1532		5	-8	-8	548		0R	-6
ANT ON BLDG	412207.41	-795152.62	1A	1543		16	3	3	574		192L	5
TREE	412204.37	-795146.45	1A	1557		30	17	17	727		349R	14
TREE	412203.20	-795143.89	1A	1568		41	28	28	783		570R	23
POLE	412158.48	-795146.39	1A	1567		40	27	27	1296		530R	7
TREE	412157.75	-795149.50	1A	1571		44	31	31	1437		325R	7
TREE	412155.92	-795204.06	1A	1592		65	52	52	1943		680L	13
TREE	412153.16	-795154.30	1A	1582		55	42	42	1988		114R	2
TREE	412152.97	-795202.13	1A	1599		72	59	59	2184		450L	13

OC5007

AIRPORT ELEVATION 1540

20 PIR 1533/1540 412301.319 -795127.743 1971602.

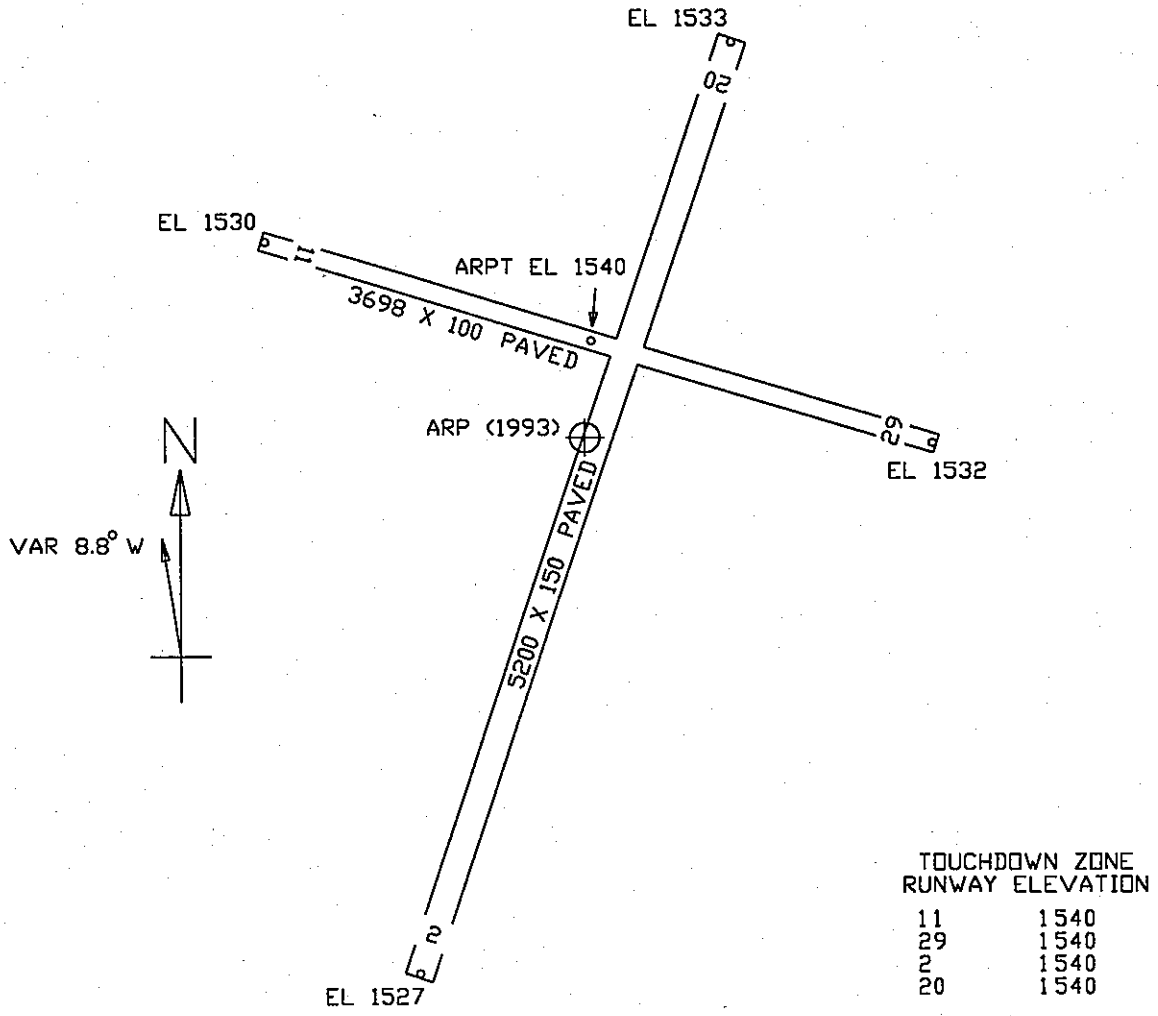
OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON HANGAR	412235.05	-795131.75	1A	1568		35	28	28	-2629		497L	29
AMOM	412239.67	-795131.25	1A	1586		53	46	46	-2171		395L	47
OL ON WSK	412251.14	-795138.81	1A	1562		29	22	22	-1234		500R	24
OL ON GS	412252.80	-795134.70	1A	1560		27	20	20	-981		250R	23
POLE	412305.98	-795129.28	1A	1537		4	-3	-3	416		252R	0
TREE	412305.79	-795118.64	1A	1553		20	13	13	639		528L	11
TREE	412314.61	-795114.85	1A	1572		39	32	32	1577		539L	12
TREE	412323.84	-795115.15	1A	1589		56	49	49	2462		240L	11
TREE	412323.24	-795109.11	1A	1597		64	57	57	2540		698L	17

OC5007

AIRPORT ELEVATION 1540

ARP 412240.345 -795137.302

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG	BEARING	DISTANCE
TOWER	412239.04	-795126.79	1A	1594		54	10809		812
FLGPL	412235.07	-795126.56	1A	1603		63	13153		977
ANT ON OL APBN	412252.67	-795138.69	1A	1596		56	358		1252
TREE	412244.39	-795154.59	1A	1586		46	29604		1380
HANGAR	412237.37	-795118.79	1A	1565		25	11050		1443
TREE	412226.59	-795127.57	1A	1632		92	16044		1577
TREE	412253.26	-795149.21	1A	1596		56	33401		1591
TREE	412228.57	-795151.81	1A	1588		48	23139		1626
TREE	412222.61	-795135.89	1A	1605		65	18521		1798
TREE	412235.10	-795113.81	1A	1575		35	11518		1868
TREE	412259.19	-795136.46	1A	1601		61	1044		1909
AMOM ON OL HANGAR	412244.42	-795112.67	1A	1576		36	8624		1923
TREE	412245.82	-795204.61	1A	1605		65	29342		2154
TREE	412246.06	-795109.38	1A	1609		69	8335		2206
TREE	412254.05	-795200.63	1A	1589		49	31645		2256
TREE	412258.59	-795118.49	1A	1594		54	4638		2338
TREE	412254.38	-795204.24	1A	1576		36	31328		2497
TREE	412215.54	-795139.00	1A	1607		67	19144		2514
TREE	412301.45	-795119.04	1A	1594		54	4153		2550
TREE	412234.78	-795104.34	1A	1571		31	11125		2575
TREE	412306.22	-795134.06	1A	1583		43	1411		2631
OL ON DOME	412211.03	-795140.08	1A	1569		29	19253		2974
TREE	412309.92	-795132.59	1A	1547		7	1538		3014
OL ON TANK	412244.13	-795057.81	1A	1612		72	9132		3035
TREE	412242.23	-795057.18	1A	1600		60	9513		3064
TREE	412206.16	-795142.24	1A	1597		57	19500		3481
TREE	412209.46	-795200.64	1A	1620		80	21827		3596
OL ANT	412202.56	-795137.03	1A	1652		112	18829		3824
TREE	412249.82	-795232.20	1A	1639		99	29143		4293
TREE	412156.09	-795144.38	1A	1592		52	19540		4511



CHESSE-LAMBERTON AIRPORT
 FRANKLIN, PENNSYLVANIA
 (NOT TO SCALE)
 (ELEVATIONS AND DISTANCES IN FEET)