OBSTRUCTION DATA SHEET

ODS 5582
NEWTON - CITY - COUNTY AIRPORT
NEWTON, KANSAS

DIGITIZED FROM

OC 5582
SURVEYED MAY 1992
3RD EDITION

HORIZONTAL DATUM NAD83
VERTICAL DATUM NGVD29

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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).

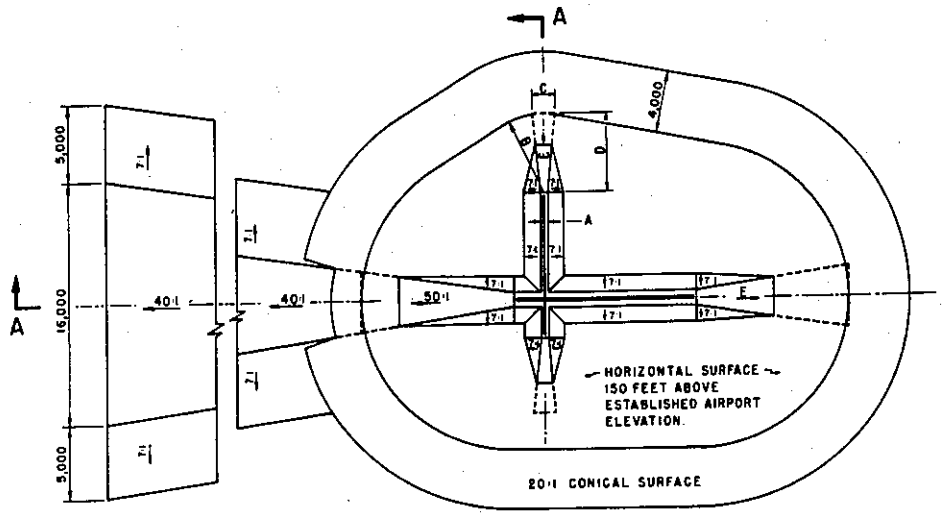
2. All objects not included in "1" above are listed with the Airport Reference Point (ARP).

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:

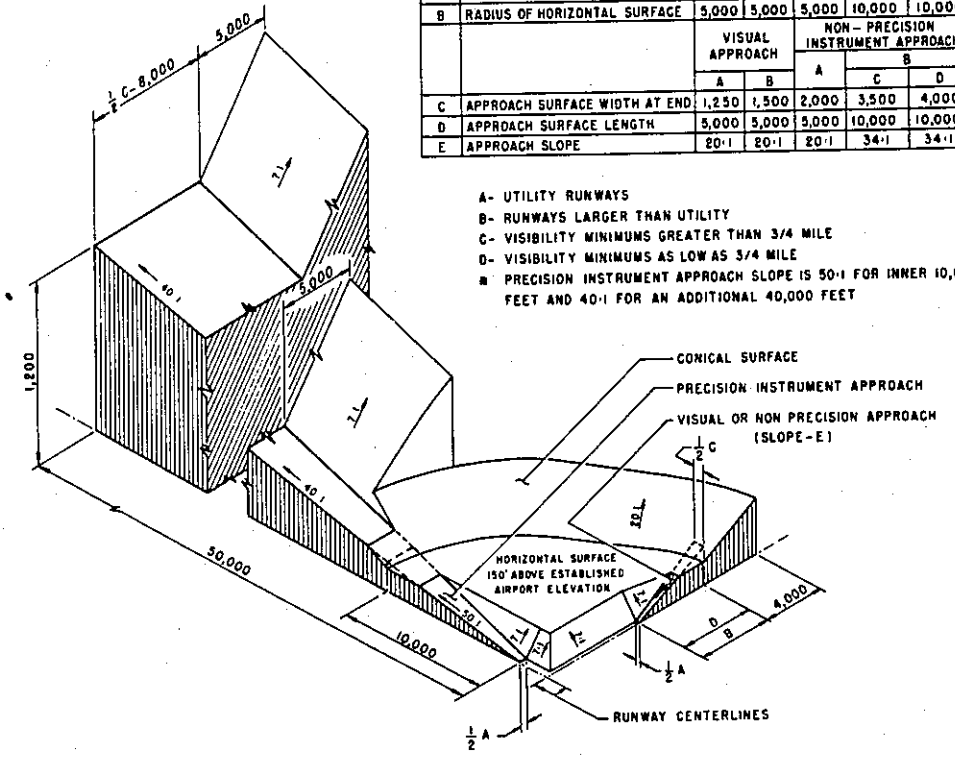
A(V) ..... Utility runway - visual approach only
A(NP) .... Utility runway - nonprecision instrument approach
B(V) ..... Nonutility runway - visual approach only
C ..... Nonutility runway - nonprecision instrument approach with visibility minimums greater than 3/4 mile
D ..... Nonutility runway- nonprecision 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	B		
					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	B		
					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

X[1] X[2] XXXX/XXXX[3] XXXXXX.XXX[4] XXXXXXX.XXX[4] XXXXXXX[5] XXXX/XXXX[6] XXXXXX.XXX[7] XXXXXXX.XXX[7]

OBJECT	LAT	LONG	A[8]	ELEV[9]	AGL[10]	HAR[11]	HAT[11]	HAA[11]	DEND[12]	DTHR[12]	DCLN[12]	PNTR[13]
XXXXXXXXXX	XXXXXX.XXX	XXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX
XXXXXXXXXX	XXXXXX.XXX	XXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX

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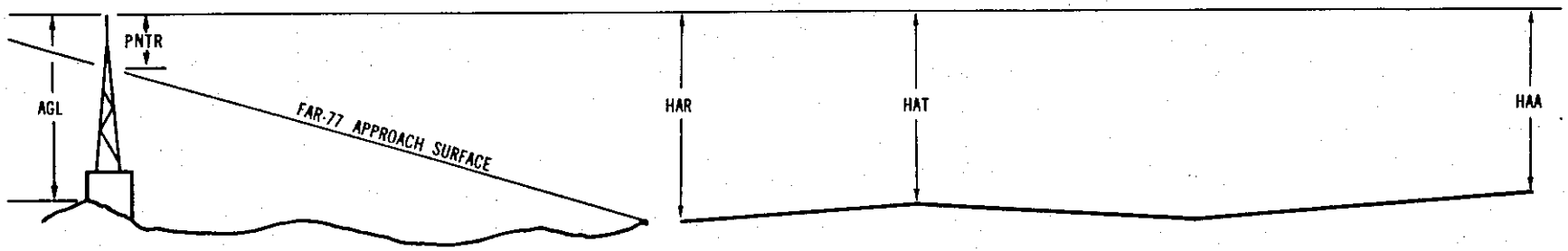

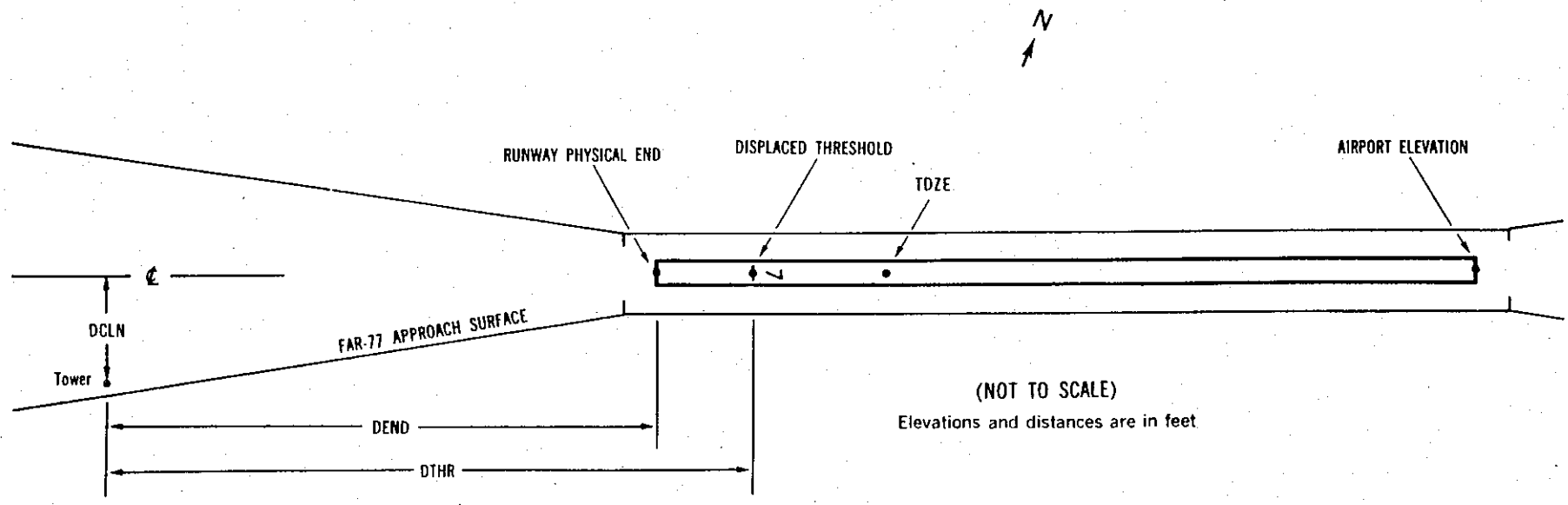

(NOT TO SCALE)

Elevations and distances are in feet

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 displace threshold

8 Accuracy codes:

Horizontal	Vertical
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 displace 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 PTNR - Penetration of indicated FAR-77 approach or primary surface (See footnote 2).

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AIRPORT ELEVATION 1533

35 D 1524/1527 380244.380 -971634.994 000023.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
SIGN	380353.61	-971629.86	1A	1533		9	6	0	-7003		410R	5
ROD ON OL GLIDE SLOPE	380343.71	-971629.99	1A	1564		40	37	31	-6002		399R	34
GROUND	380339.84	-971629.65	1A	1531		7	4	-2	-5610		426R	1
GROUND	380337.47	-971629.69	1A	1532		8	5	-1	-5370		423R	2
OL ON LTD WINDSOCK	380336.30	-971638.12	1A	1539		15	12	6	-5252		251L	9
LTD WIND TEE	380318.80	-971640.47	1A	1536		12	9	3	-3481		438L	8
OL ON LTD WSK	380310.26	-971641.19	1A	1555		31	28	22	-2618		496L	28
OL ON LOCALIZER	380237.46	-971635.00	1A	1523		-1	-4	-10	700		1L	-16
TREE	380237.05	-971641.74	1A	1529		5	2	-4	741		539L	-11
ANT ON POLE	380236.41	-971638.16	1A	1536		12	9	3	807		254L	-6
ROAD (N)	380234.47	-971634.94	1A	1531		7	4	-2	1002		5R	-17

17 PIR 1528/1530 380353.598 -971634.984 1800023.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WSK	380310.26	-971641.19	1A	1555		27	25	22	-4384		496R	28
LTD WIND TEE	380318.80	-971640.47	1A	1536		8	6	3	-3520		438R	8
OL ON LTD WINDSOCK	380336.30	-971638.12	1A	1539		11	9	6	-1749		251R	9
GROUND	380337.47	-971629.69	1A	1532		4	2	-1	-1631		423L	2
GROUND	380339.84	-971629.65	1A	1531		3	1	-2	-1391		426L	1
ROD ON OL GLIDE SLOPE	380343.71	-971629.99	1A	1564		36	34	31	-1000		399L	34
SIGN	380353.61	-971629.86	1A	1533		5	3	0	1		410L	5
TREE	380359.49	-971637.80	1A	1538		10	8	5	596		225R	2
TREE	380359.67	-971629.28	1A	1539		11	9	6	614		456L	3
TREE	380359.71	-971627.97	1A	1544		16	14	11	618		561L	8
TREE	380421.14	-971636.83	1A	1579		51	49	46	2785		148R	-1

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AIRPORT ELEVATION 1533

8 AV 1532/1533 380338.768 -971644.362 895955.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GROUND	380339.84	-971629.65	1A	1531		-1	-2	-2	-1176		109L	1

26 AV 1533/1533 380338.767 -971600.614 2700022.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GROUND	380339.84	-971629.65	1A	1531		-2	-2	-2	-2322		109R	1
ROAD (N)	380338.77	-971549.74	1A	1546		13	13	13	869		0R	-20
TREE	380338.24	-971542.08	1A	1548		15	15	15	1482		53L	-49
TREE	380341.25	-971541.76	1A	1554		21	21	21	1508		251R	-44

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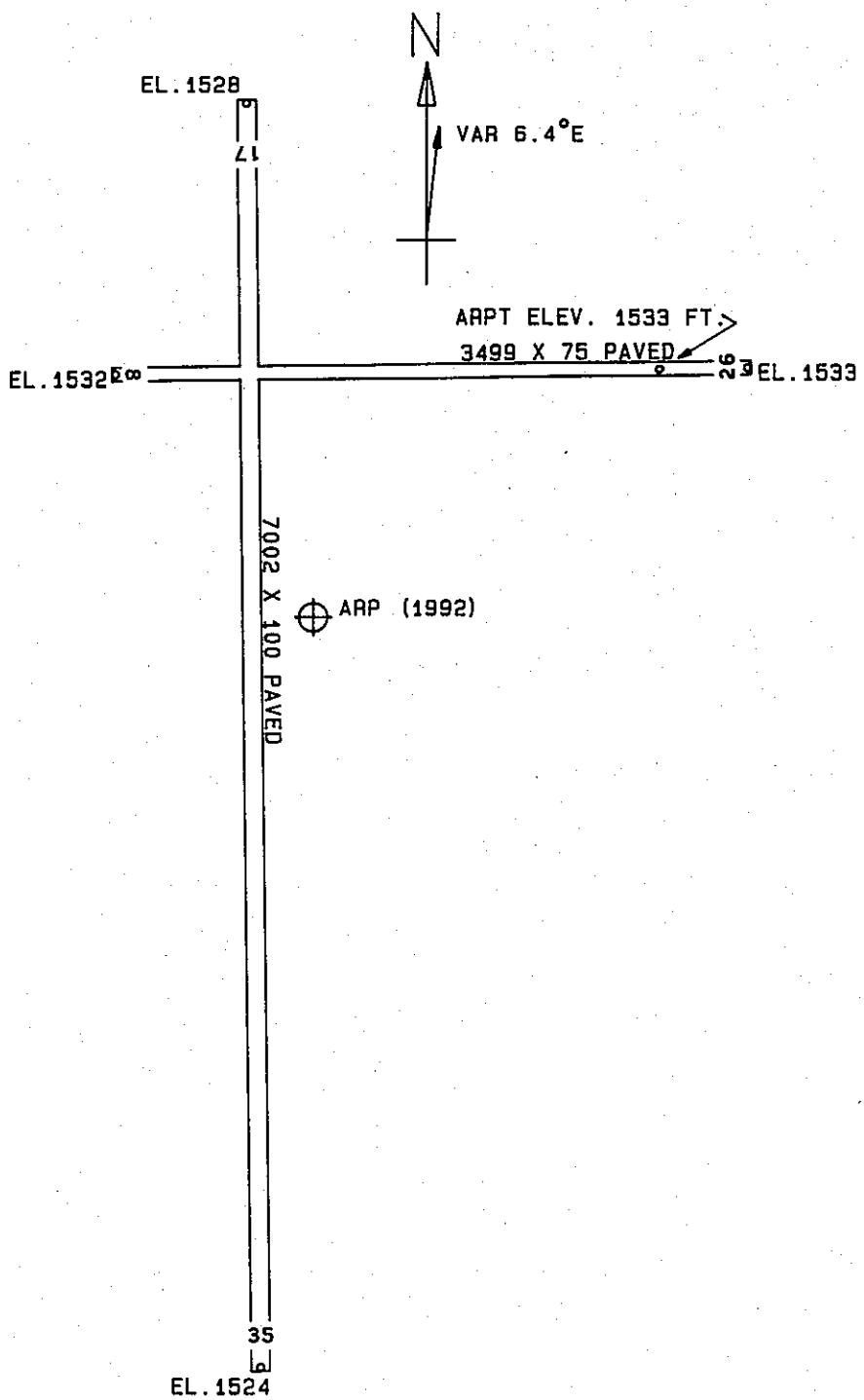
AIRPORT ELEVATION 1533

ARP 380325.579 -971630.824

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
TREE	380341.35	-971621.80	1A	1566		33	1757	1751
POLE	380334.84	-971653.48	1A	1553		20	29055	2040
ANT ON OL APBN	380309.80	-971647.94	1A	1586		53	21412	2103
POLE	380341.13	-971653.54	1A	1560		27	30428	2403
OL ON POLE	380350.64	-971625.71	1A	1575		42	245	2568
SILO	380332.72	-971554.40	1A	1591		58	6940	3001
GROUND	380355.53	-971628.72	1A	1529		-4	35647	3034
POLE	380336.07	-971550.08	1A	1568		35	6533	3427
TREE	380359.40	-971642.22	1A	1545		12	33841	3540
POLE	380341.74	-971550.08	1A	1568		35	5657	3646
TREE	380239.92	-971641.78	1A	1532		-1	18420	4701
ANT ON OL TANK	380424.92	-971548.52	1B	1689		156	2300	6890



TOUCHDOWN ZONE RUNWAY	ELEVATION
35	1527
17	1530
8	1533
26	1533

NEWTON-CITY-COUNTY AIRPORT

NEWTON, KANSAS

(NOT TO SCALE)