

OBSTRUCTION DATA SHEET

**ODS 5002
ROGERS MUNICIPAL AIRPORT - CARTER FIELD
ROGERS, ARKANSAS**

DIGITIZED FROM

**OC 5002
SURVEYED APRIL 1990
1ST EDITION**



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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 Nr. 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 OC) depict a representation of objects that existed at the time of the OC field survey.

ODS information is arranged as follows:

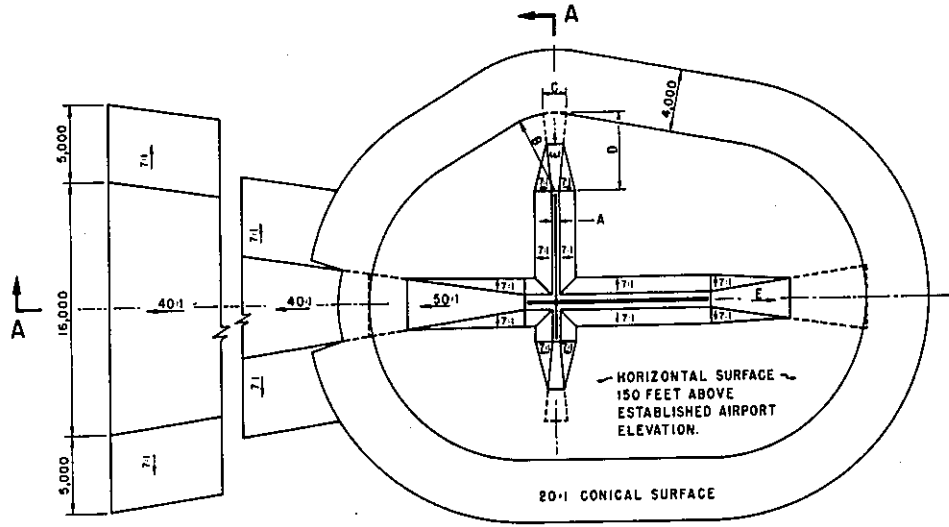
1. Objects located in FAR-77 approach (including supplemental approaches if present) or primary areas are listed with the associated runway (reference runway). For example, all objects in the Runway 9R approach or primary are listed with Runway 9R. Distances to these objects are computed from both the physical end and threshold of Runway 9R. Objects in the Runway 27L approach or primary are listed with Runway 27L. (Objects in the common 9R/27L primary area are listed with both runways.)
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 (see footnote 2 on page 3):

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)

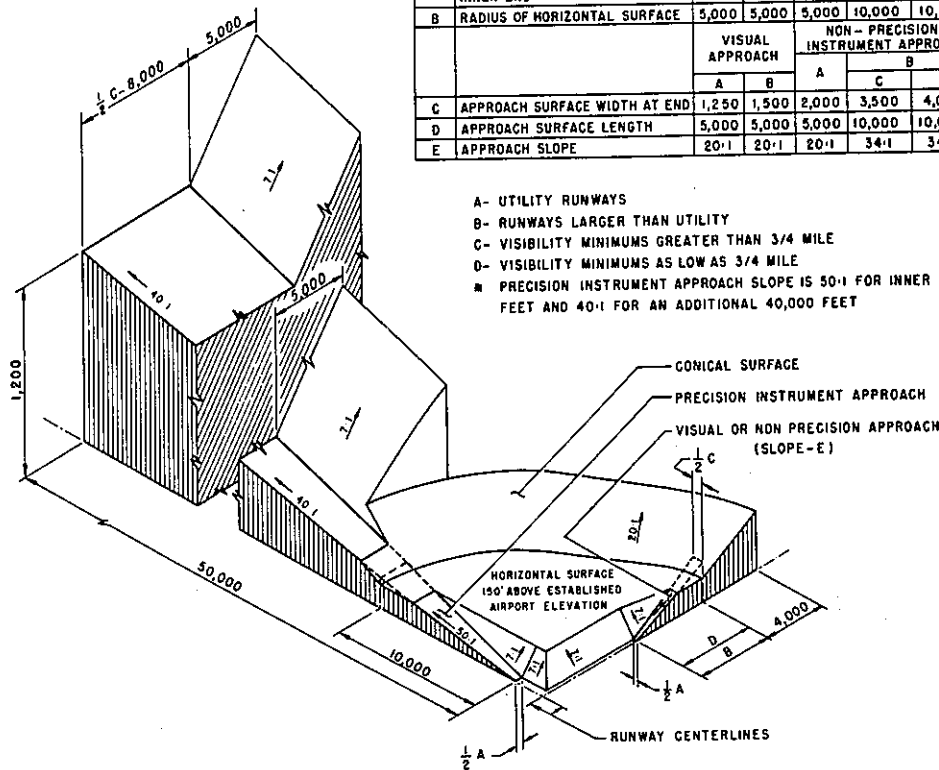
FAR-77 imaginary surface dimensions are defined on page 2 of this report.

Primary surface width is determined by the widest approach at the two approach/primary interfaces for that runway.



DIM	ITEM	DIMENSIONAL STANDARDS (FEET)					
		VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY			PRECISION INSTRUMENT RUNWAY
		A	B	A	B		
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	3,000	5,000	5,000	10,000	10,000	10,000
C	APPROACH SURFACE WIDTH AT END	VISUAL APPROACH		NON-PRECISION INSTRUMENT APPROACH			PRECISION INSTRUMENT APPROACH
		A	B	A	B		
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

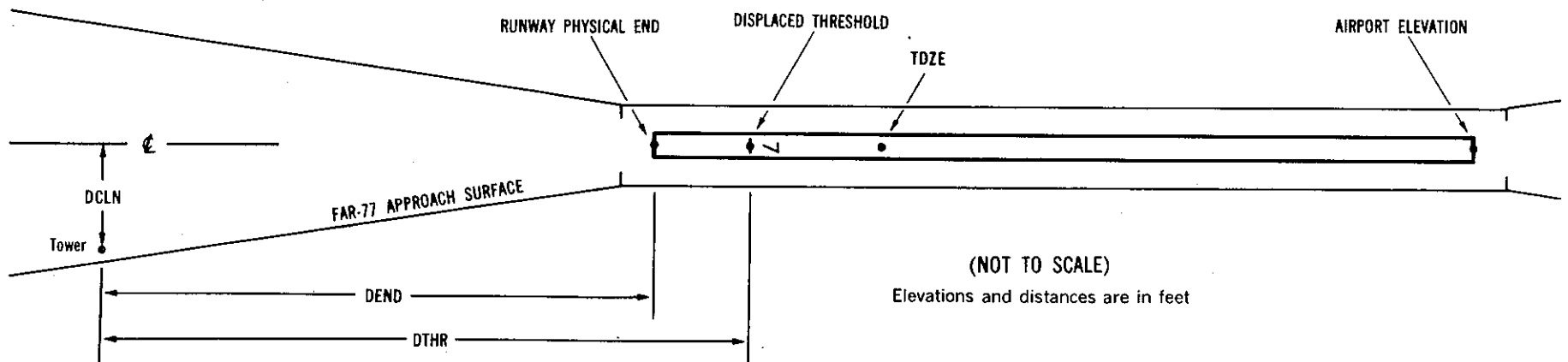
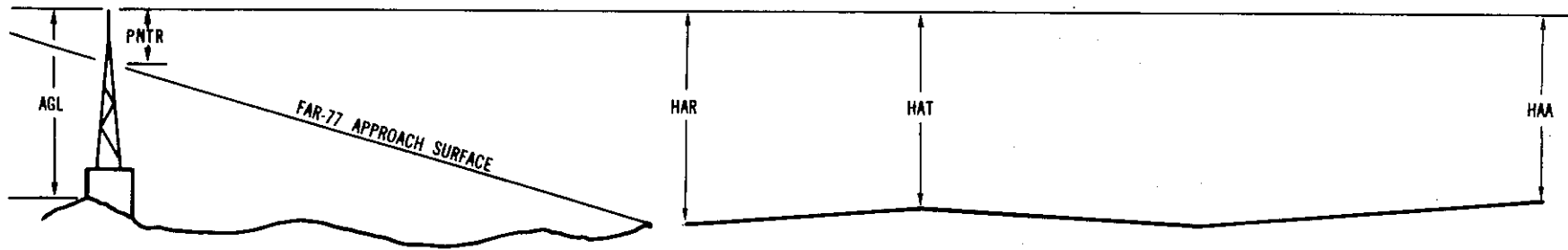
ANNOTATION OF ODS DATA FORMAT

OC XXXX

AIRPORT ELEVATION XXXX

x¹ x² XXXX/XXXX³ XXXXXX.XXX⁴ XXXXXXXX.XXX⁴ XXXXXXXX⁵ XXXX/XXXX⁶ XXXXXX.XXX⁷ XXXXXXXX.XXX⁷

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



(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 area 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 Reference runway approach physical end elevation/touchdown zone elevation
- ⁴ Latitude and longitude of reference runway approach physical end
- ⁵ Reference runway geodetic azimuth reckoned clockwise from south
- ⁶ Reference runway displaced threshold elevation/touchdown zone elevation
- ⁷ Latitude and longitude of reference runway displaced threshold
- ⁸ Accuracy Code:
- | | Horizontal | Vertical |
|---|------------|----------|
| 1 | = 20 | A = 2 |
| 2 | = 40 | B = 5 |
| | | C = 20 |
- ⁹ Mean Sea Level (MSL) elevation 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). AGLs are provided only for those objects appearing on the OC that are equal to, or greater than, 200 feet AGL. AGL accuracy is ± 10 feet.
- ¹¹ HAA - Height above airport
 HAR - Height above reference runway approach physical end
 HAT - Height above reference runway touchdown zone elevation
- ¹² DEND - Distance along reference runway centerline from point perpendicular to object to reference runway approach physical end
 DTHR - Distance along reference runway centerline from point perpendicular to object to reference runway 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 object is in primary area on roll-out side of zero distance point.
- ¹³ PNTR - Penetration of indicated FAR-77 approach or primary surface (see footnote 2).

OC5002

AIRPORT ELEVATION 1358

1 C 1358/1358 362152.343N 0940636.410W 1990915

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	362251.40	0940616.61	1A	1367		9	9	9	-6173		430L	28
TREE	362247.51	0940607.59	1A	1382		24	24	24	-6043		396R	43
TREE	362244.81	0940607.55	1A	1376		18	18	18	-5786		489R	36
TREE	362241.52	0940621.25	1A	1388		30	30	30	-5105		461L	45
TREE	362236.08	0940610.90	1A	1375		17	17	17	-4863		520R	31
TREE	362236.50	0940623.26	1A	1407		49	49	49	-4571		449L	62
TREE	362235.47	0940621.42	1A	1383		25	25	25	-4522		273L	37
FENCE CORNER	362235.00	0940620.50	1A	1353		-5	-5	-5	-4501		187L	7
TREE	362229.19	0940614.05	1A	1398		40	40	40	-4120		505R	51
OL TOWER	362229.40	0940627.18	1A	1377		19	19	19	-3787		517L	28
GROUND	362222.30	0940627.48	1A	1357		-1	-1	-1	-3102		304L	5
GROUND	362218.98	0940619.21	1A	1362		4	4	4	-3006		445R	10
GROUND	362215.81	0940619.72	1A	1371		13	13	13	-2689		511R	17
TREE	362217.88	0940631.78	1A	1386		28	28	28	-2564		490L	32
GROUND	362209.09	0940633.01	1A	1357		-1	-1	-1	-1691		293L	1
OL WIND TEE	362208.04	0940633.19	1A	1369		11	11	11	-1586		272L	13
OL WINDSOCK	362206.81	0940635.36	1A	1387		29	29	29	-1410		399L	31
GROUND	362203.78	0940627.18	1A	1359		1	1	1	-1340		334R	3
HANGAR	362202.22	0940627.86	1A	1381		23	23	23	-1173		333R	24
POLE	362201.23	0940630.09	1A	1366		8	8	8	-1019		193R	9
OL HANGAR	362156.98	0940630.07	1A	1370		12	12	12	-613		336R	13
TREE	362154.63	0940641.42	1A	1383		25	25	25	-84		463L	25
ANTENNA ON HANGAR	362151.12	0940630.21	1A	1380		22	22	22	-50		520R	22
TREE	362150.30	0940643.81	1A	1380		22	22	22	394		504L	16
POLE	362142.68	0940633.92	1A	1393		35	35	35	856		513R	16
TREE	362144.00	0940642.70	1A	1399		41	41	41	966		209L	18
TREE	362143.76	0940645.89	1A	1395		37	37	37	1075		448L	11
POLE	362140.12	0940634.77	1A	1393		35	35	35	1124		532R	8
TREE	362138.94	0940639.20	1A	1414		56	56	56	1355		229R	22
TREE	362137.69	0940637.96	1A	1412		54	54	54	1441		367R	17
TREE	362137.02	0940641.94	1A	1404		46	46	46	1613		81R	4
TREE	362133.16	0940654.14	1A	1418		60	60	60	2308		734L	-2
TREE	362129.53	0940645.00	1A	1413		55	55	55	2410		93R	-10

OC5002

AIRPORT ELEVATION 1358

19 PIR 1339/1353 362248.491N 0940612.293W 0190929

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ANTENNA ON HANGAR	362151.12	0940630.21	1A	1380		41	27	22	-5961		520L	22
TREE	362154.63	0940641.42	1A	1383		44	30	25	-5927		463R	25
OL HANGAR	362156.98	0940630.07	1A	1370		31	17	12	-5398		336L	13
POLE	362201.23	0940630.09	1A	1366		27	13	8	-4992		193L	9
HANGAR	362202.22	0940627.86	1A	1381		42	28	23	-4837		333L	24
GROUND	362203.78	0940627.18	1A	1359		20	6	1	-4671		334L	3
OL WINDSOCK	362206.81	0940635.36	1A	1387		48	34	29	-4601		399R	31
OL WIND TEE	362208.04	0940633.19	1A	1369		30	16	11	-4425		272R	13
GROUND	362209.09	0940633.01	1A	1357		18	4	-1	-4319		293R	1
TREE	362217.88	0940631.78	1A	1386		47	33	28	-3447		490R	32
GROUND	362215.81	0940619.72	1A	1371		32	18	13	-3322		511L	17
GROUND	362218.98	0940619.21	1A	1362		23	9	4	-3005		445L	10
GROUND	362222.30	0940627.48	1A	1357		18	4	-1	-2909		304R	5
OL TOWER	362229.40	0940627.18	1A	1377		38	24	19	-2223		517R	28
TREE	362229.19	0940614.05	1A	1398		59	45	40	-1891		505L	51
FENCE CORNER	362235.00	0940620.50	1A	1353		14	0	-5	-1509		187R	7
TREE	362235.47	0940621.42	1A	1383		44	30	25	-1489		273R	37
TREE	362236.50	0940623.26	1A	1407		68	54	49	-1440		449R	62
TREE	362236.08	0940610.90	1A	1375		36	22	17	-1148		520L	31
TREE	362241.52	0940621.25	1A	1388		49	35	30	-906		461R	45
TREE	362244.81	0940607.55	1A	1376		37	23	18	-225		489L	36
TREE	362247.51	0940607.59	1A	1382		43	29	24	32		396L	43
TREE	362251.40	0940616.61	1A	1367		28	14	9	162		430R	28
TREE	362252.76	0940615.24	1A	1366		27	13	8	328		369R	24
TREE	362250.71	0940607.21	1A	1393		54	40	35	349		319L	51
TREE	362255.79	0940614.20	1A	1384		45	31	26	646		390R	36
TREE	362256.80	0940614.13	1A	1390		51	37	32	745		418R	40
TREE	362254.90	0940607.30	1A	1365		26	12	7	747		173L	15
TREE	362257.30	0940615.27	1A	1381		42	28	23	761		522R	31
TREE	362257.87	0940604.77	1A	1381		42	28	23	1097		270L	24
TREE	362301.13	0940606.08	1A	1369		30	16	11	1374		61L	7
TREE	362302.28	0940607.88	1A	1376		37	23	18	1436		117R	12
TREE	362300.85	0940559.88	1A	1372		33	19	14	1513		549L	7

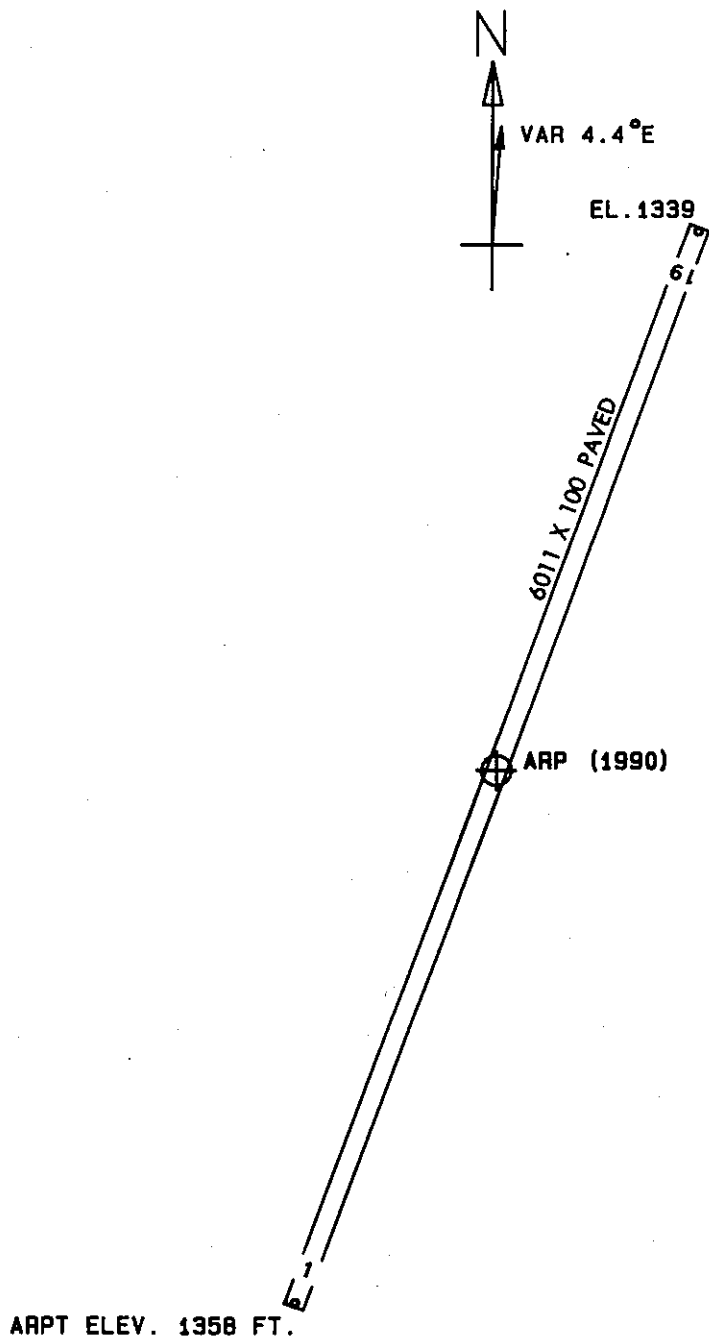
AIRPORT ELEVATION 1358

19 PIR 1339/1353 362248.491N 0940612.293W 0190929

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	362302.46	0940558.84	1A	1374		35	21	16	1695		576L	5
TREE	362306.65	0940607.34	1A	1373		34	20	15	1868		220R	1
TREE	362306.08	0940555.93	1A	1381		42	28	23	2119		680L	4
TREE	362316.10	0940608.86	1A	1391		52	38	33	2730		651R	1
TREE	362406.20	0940537.42	1A	1430		91	77	72	8358		114L	-72

ARP 362220.417N 0940624.352W

OBJECT	LAT	LONG	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE
TREE	362220.98	0940615.13	1A	1411		53	81	17	757
TREE	362219.32	0940634.17	1A	1410		52	257	44	811
TREE	362235.96	0940628.75	1A	1413		55	342	43	1612
TREE	362200.74	0940625.31	1A	1399		41	177	52	1992
TREE	362236.56	0940609.67	1A	1381		23	31	56	2026
TREE	362238.62	0940607.87	1A	1375		17	31	49	2281
TREE	362244.60	0940621.40	1A	1383		25	1	14	2457
TREE	362155.04	0940627.03	1A	1408		50	180	29	2576
TREE	362242.89	0940607.62	1A	1374		16	26	40	2653
TREE	362153.77	0940625.00	1A	1419		61	176	43	2695
TREE	362156.73	0940641.99	1A	1390		32	206	39	2796
OL AIRPORT BEACON	362151.79	0940626.07	1A	1417		59	178	23	2899
TREE	362249.10	0940619.30	1A	1388		30	3	42	2930
TREE	362251.12	0940617.93	1A	1385		27	5	12	3149
TREE	362253.53	0940618.16	1A	1385		27	4	12	3386
POLE	362145.16	0940631.55	1A	1392		34	184	59	3613
POLE	362142.34	0940632.82	1A	1395		37	185	48	3912
TREE	362144.06	0940648.50	1A	1396		38	203	51	4173
ANTENNA	362126.54	0940659.98	1A	1462		104	203	45	6179
OL TOWER	361958.46	0940726.38	2C	1542		184	195	4	15226



TOUCHDOWN ZONE RUNWAY ELEVATION	
1	1358
19	1353

ROGERS MUNICIPAL AIRPORT - CARTER FIELD
 ROGERS, ARKANSAS
 (NOT TO SCALE)