

AERONAUTICAL DATA SHEET
 NATIONAL GEODETIC SURVEY

DATE GENERATED: 02/27/2004

PROJECT NUMBER: 432
 ARPT IDENTIFIER: TUL
 ARPT NAME: TULSA INTERNATIONAL AIRPORT
 CITY: TULSA
 STATE: OKLAHOMA
 ARPT ELEVATION: 677.4
 AIRPORT REFERENCE POINT

DISTANCE FROM RWY END: 36L+67
 LATITUDE: 361154.2
 LONGITUDE: -955317.2

SITE NUMBER: 19283.A
 SURVEY DATE: 04/30/2003
 HORIZONTAL DATUM: NAD83
 VERTICAL DATUM: NAVD88
 ATCT FLOOR ELEV: 779.0
 DECLINATION: 4.4E

RUNWAY INFORMATION

RUNWAY: 8/26 LENGTH: 7376 WIDTH: 150 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA
 GEODETIC

DISPLACED THRESHOLD DATA

RWY	LATITUDE	LONGITUDE	ELEV	AZ (N)	TDZE	LENGTH	LATITUDE	LONGITUDE	ELEV
8	361143.5539	-955356.5093	671.2	892517	671.2				
26	361144.2809	-955226.5333	633.0	2692610	651.4				

PROFILE DATA

DISTANCES FROM APPROACH END 8

DISTANCES FROM APPROACH END 26

DISTANCE	ELEV
0	671.2
1233	655.7
1982	650.2
2703	648.9
4253	651.7
4868	649.3
6899	635.1
7376	633.0

DISTANCE	ELEV
0	633.0
476	635.1
2507	649.3
3123	651.7
4673	648.9
5393	650.2
6143	655.7
7376	671.2

RUNWAY: 18L/36R LENGTH: 9999 WIDTH: 200 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA
 GEODETIC

DISPLACED THRESHOLD DATA

RWY	LATITUDE	LONGITUDE	ELEV	AZ (N)	TDZE	LENGTH	LATITUDE	LONGITUDE	ELEV
18L	361250.1647	-955252.7227	626.4	1830505	641.2				
36R	361111.4305	-955259.2863	643.7	30501	649.8				

PROFILE DATA

DISTANCES FROM APPROACH END 36R

DISTANCES FROM APPROACH END 18L

DISTANCE	ELEV
0	643.7
1157	649.2
3302	649.3
4981	648.2
6721	642.6
9999	626.4

DISTANCE	ELEV
0	626.4
3278	642.6
5019	648.2
6697	649.3
8843	649.2
9999	643.7

RUNWAY: 18R/36L LENGTH: 6101 WIDTH: 150 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA
 GEODETIC

DISPLACED THRESHOLD DATA

RWY	LATITUDE	LONGITUDE	ELEV	AZ (N)	TDZE	LENGTH	LATITUDE	LONGITUDE	ELEV
18R	361225.9951	-955356.7296	634.4	1830506	667.3				
36L	361125.7549	-955400.7347	677.2	30503	677.4				

PROFILE DATA

DISTANCES FROM APPROACH END 36L

DISTANCES FROM APPROACH END 18R

DISTANCE	ELEV
0	677.2
67	677.4
3735	664.8
4830	653.4
6101	634.4

DISTANCE	ELEV
0	634.4
1271	653.4
2366	664.8
6034	677.4
6101	677.2

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HORIZONTAL DATUM: NAD83
VERTICAL DATUM: NAVD88

NAVIGATIONAL AID INFORMATION

ELECTRONIC	LATITUDE	LONGITUDE	ELEV	OFFSET DISTANCE	ALONG CNTRLN DISTANCE
ASR (TUL)	361245.5355	-955505.9725	641.1		
DME (36R)	361300.6719	-955256.9790	620.5		
GS (18L)	361239.5273	-955248.5445	621.0		
GS (18L) PP	361239.7400	-955253.4158	631.6	400L	1056
GS (18R)	361216.8814	-955400.8656	643.3		
GS (18R) PP	361216.7277	-955357.3458	648.8	289R	939
GS (36R)	361120.6320	-955303.5572	646.1		
GS (36R) PP	361120.4194	-955258.6888	648.5	400L	910
IM (36R)	361101.0259	-955259.9849			1054
LOC (18L)	361101.2687	-955259.9634	635.2		1029
LOC (18R)	361119.3827	-955401.1664	673.4		645
LOC (36R)	361300.5835	-955252.0345	624.3		1055
LOM (18L)	361826.1496	-955231.1322			34024
LOM (36R)	360550.6105	-955319.5672			32486
MM (18R)	361259.5436	-955354.4876			3398
MM (36R)	361038.4418	-955301.7543			3342
OM (18R)	361826.3488	-955342.5738			36461
VORTAC (TUL)	361146.5437	-954717.1941	770.4		

VISUAL	LATITUDE	LONGITUDE
ALS (18L)		
ALS (36R)		
APBN	361158.9111	-955314.6521
PAPI (8)		
PAPI (18L)		
PAPI (18R)		
PAPI (26)		
PAPI (36L)		
PAPI (36R)		
REIL (8)		

VISUAL	LATITUDE	LONGITUDE
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REIL (18R)		
REIL (26)		
REIL (36L)		

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OBSTRUCTION INFORMATION

8 C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON HGR	361145.25	-955414.04	1A	690		19	19	13	1435		186L	-18
HGR	361139.62	-955414.30	1A	698		27	27	21	1462		383R	-11
OL ON HGR	361148.15	-955414.55	1A	703		32	32	26	1474		*479L	-6
TREE	361139.20	-955415.29	1A	713		42	42	36	1544		424R	2

26 C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	361148.82	-955209.04	1A	664		31	13	-13	1438		*445R	-5
POLE	361139.80	-955208.73	1A	666		33	15	-11	1455		*468L	-4
POLE	361145.31	-955207.03	1A	661		28	10	-16	1600		89R	-13
TREE	361146.97	-955203.52	1A	671		38	20	-6	1889		253R	-12

18L PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GS	361120.63	-955303.56	1A	689		63	48	12	-9089		400R	41
ROD ON OL GS	361239.53	-955248.54	1A	671		45	30	-6	-1056		400L	40
ANT ON BLDG AT DME	361300.67	-955256.98	1A	632		6	-9	-45	1042		405R	-11
LOC	361300.58	-955252.03	1A	632		6	-9	-45	1055		0R	-12
TREE	361307.09	-955300.79	1A	662		36	21	-15	1673		*752R	6
TREE	361307.86	-955258.69	1A	660		34	19	-17	1760		584R	2
TREE	361309.12	-955257.21	1A	667		41	26	-10	1894		471R	7
TREE	361325.32	-955245.32	1A	690		64	49	13	3583		415L	-4

36R PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GS	361239.53	-955248.54	1A	671		27	21	-6	-8944		400R	40
ROD ON OL GS	361120.63	-955303.56	1A	689		45	39	12	-910		400L	41
ANT ON BLDG	361101.59	-955304.81	1A	661		17	11	-16	1018		398L	1
LT POLE	361100.54	-955253.46	1A	660		16	10	-17	1074		536R	-1
TREE	361057.44	-955259.66	1A	662		18	12	-15	1414		46R	-6
TREE	361055.63	-955258.78	1A	673		29	23	-4	1593		127R	2

18R PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
RD(N)	361125.98	-955405.95	1A	686		52	19	9	-6101		428R	9
ANT ON OL GS	361216.88	-955400.87	1A	666		32	-1	-11	-939		289R	18
TREE	361231.94	-955401.70	1A	648		14	-19	-29	578		439R	6
TREE	361232.43	-955354.36	1A	653		19	-14	-24	661		159L	9
TREE	361232.85	-955348.84	1A	659		25	-8	-18	727		*609L	14
TREE	361234.64	-955403.44	1A	661		27	-6	-16	843		*597R	13
TREE	361238.04	-955355.97	1A	661		27	-6	-16	1219		3R	6
TREE	361239.55	-955358.54	1A	662		28	-5	-15	1361		222R	5
TREE	361243.56	-955346.67	1A	680		46	13	3	1818		727L	13
TREE	361246.41	-955400.88	1A	672		38	5	-5	2044		451R	1
TREE	361250.56	-955404.33	1A	679		45	12	2	2447		756R	0

36L C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ANT ON OL GS	361216.88	-955400.87	1A	666		-11	-11	-11	-5162		289L	18
RD(N)	361125.98	-955405.95	1A	686		9	9	9	0		428L	9
RD(N)	361124.00	-955405.97	1A	687		10	10	10	200		419L	10
ANT ON BLDG	361120.09	-955355.65	1A	692		15	15	15	550		447R	5
TREE	361113.37	-955402.31	1A	706		29	29	29	1257		62L	-2
TREE	361106.34	-955401.91	1A	721		44	44	44	1965		9R	-8

ARP	HCT										
OBJECT		LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
ANT + APBN ON OL ATCT		361158.91	-955314.65	1A	809		132		1916	520	16
ROD ON OL AMOM		361152.95	-955305.12	1A	689		12		9252	998	12
OL RTR ANT		361206.84	-955305.10	1A	701		24		3324	1618	15
ANT ON OL TWR		361157.29	-955246.73	1A	677		0		7828	2517	-11
ROD ON OL WDI		361154.84	-955241.71	1A	675		-2		8418	2910	-74
LT POLE		361139.25	-955240.39	1A	678		1		11212	3375	3
TREE		361128.20	-955350.03	1A	717		40		22116	3763	-12
POLE		361126.86	-955352.82	1A	697		20		22209	4021	0
TREE		361125.54	-955351.93	1A	716		39		22005	4063	7
ANT ON OL HGR		361136.08	-955409.24	1A	708		31		24221	4643	-2
OL ON HGR		361216.58	-955407.19	1A	714		37		29431	4681	21
TREE		361232.85	-955348.84	1A	659		-18		32202	4690	10
OL ON HGR		361148.15	-955414.55	1A	703		26		25811	4741	-11
LT POLE		361112.56	-955247.29	1A	710		33		14523	4873	-3
OL ON TWR		361113.07	-955244.90	1A	722		45		14307	4931	-18
OL ON HGR		361137.85	-955414.21	1A	702		25		24607	4957	-23
LT ON BLDG		361136.93	-955220.15	1A	706		29		10604	4992	-1
TREE		361127.20	-955408.46	1A	701		24		23235	5011	4
OL BLDG		361101.96	-955313.10	1A	717		40		17157	5294	-8
OL ON BLDG		361122.30	-955408.43	1A	699		22		22804	5296	4
TREE		361231.59	-955404.65	1A	664		-13		30947	5424	4
TREE		361234.64	-955403.44	1A	661		-16		31246	5576	13
TREE		361148.82	-955209.04	1A	664		-13		9109	5613	-7
WSK ON OL BLDG		361104.11	-955247.39	1A	717		40		14950	5624	0
TREE		361234.49	-955404.62	1A	672		-5		31157	5631	11
POLE		361139.80	-955208.73	1A	666		-11		10008	5799	-8
TREE		361307.09	-955300.79	1A	662		-15		556	7493	2

ADDITIONAL INFORMATION:

AERONAUTICAL DATA IS AVAILABLE ON THE INTERNET AT [HTTP://WWW.NGS.NOAA.GOV](http://www.ngs.noaa.gov).

ADDITIONAL INFORMATION ON DATA STANDARDS CAN BE FOUND IN FAA NO. 405, "STANDARDS FOR AERONAUTICAL SURVEYS AND RELATED PRODUCTS".

AN ASTERISK "*" INDICATES THAT THIS OBJECT IS OUTSIDE, BUT WITHIN 50 FEET, OF THE OBSTRUCTION IDENTIFICATION SURFACE.