OBSTRUCTION

DATA SHEET

ODS 353
ROCK SPRINGS-SWEETWATER COUNTY AIRPORT
ROCK SPRINGS, WYOMING

DIGITIZED FROM

OC 353
SURVEYED AUGUST 1993
8TH EDITION

HORIZONTAL DATUM NAD 83
VERTICAL DATUM NGVD 29

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FOR THE FEDERAL AVIATION ADMINISTRATION

ATTENTION

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Obstruction Charts - Obstruction Data Sheets," for possible
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Branch (N/CG33), National Ocean Service, Riverdale, MD 20737.
Telephone: 301-436-6990

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.

HORIZONTAL SURFACE —
150 FEET ABOVE
ESTABLISHED AIRPORT
ELEVATION.

20:1 CONICAL SURFACE
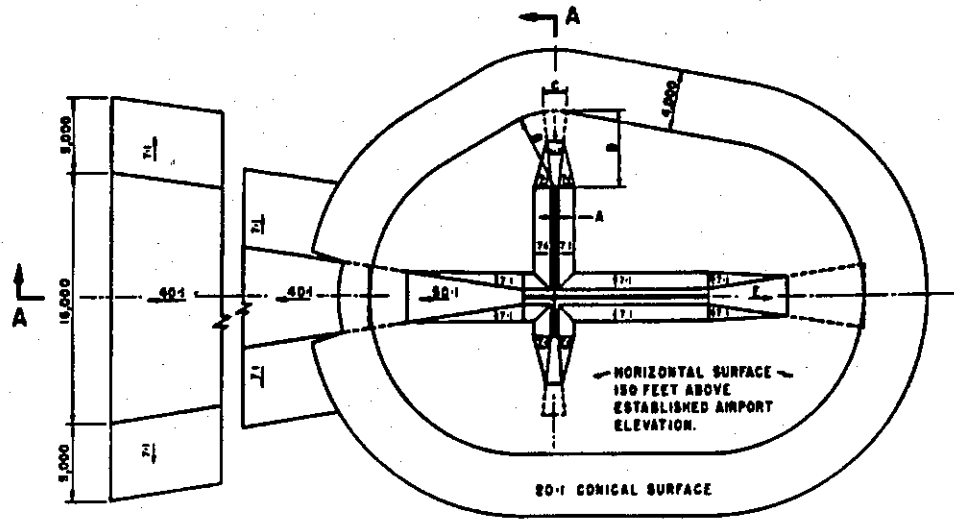
DIM	ITEM	DIMENSIONAL STANDARDS (FEET)					
		VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY			PRECISION INSTRUMENT RUNWAY
		A	B	A	C	D	
A	WIDTH OF PRIMARY SURFACE AND APPROACH SURFACE WIDTH AT INNER END	250	500	500	500	1,000	1,000
B	RADIUS OF HORIZONTAL SURFACE	5,000	5,000	5,000	10,000	10,000	10,000
		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	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	*
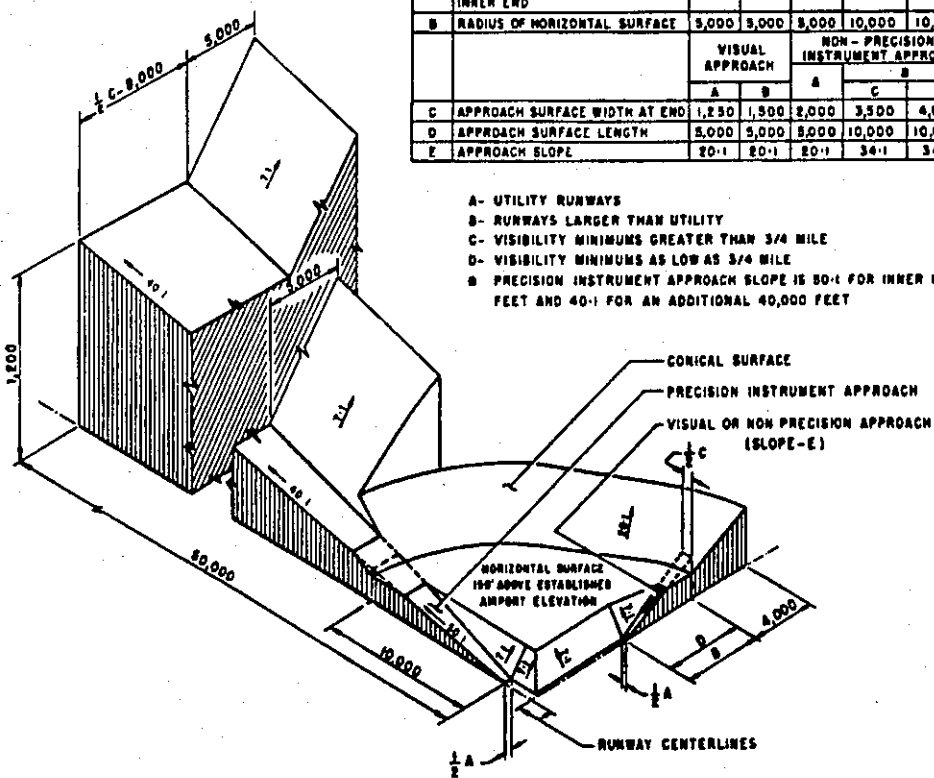
A- UTILITY RUNWAYS
B- RUNWAYS LARGER THAN UTILITY
C- VISIBILITY MINIMUMS GREATER THAN 3/4 MILE
D- VISIBILITY MINIMUMS AS LOW AS 3/4 MILE
* PRECISION INSTRUMENT APPROACH SLOPE IS 50:1 FOR INNER 10,000 FEET AND 40:1 FOR AN ADDITIONAL 40,000 FEET

CONICAL SURFACE
PRECISION INSTRUMENT APPROACH
VISUAL OR NON PRECISION APPROACH (SLOPE-E)
HORIZONTAL SURFACE 150' ABOVE ESTABLISHED AIRPORT ELEVATION
RUNWAY CENTERLINES

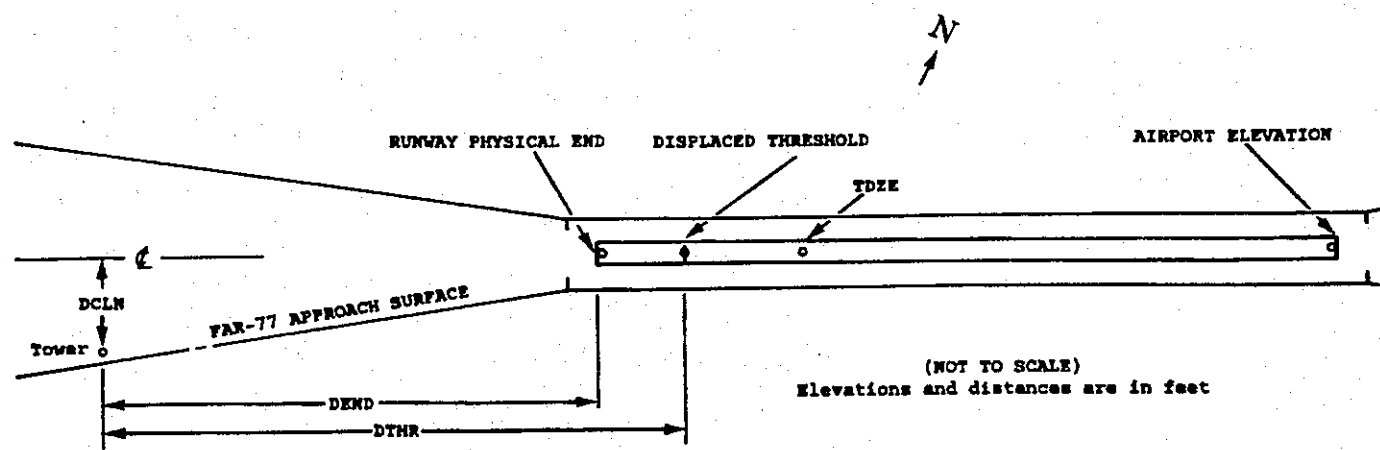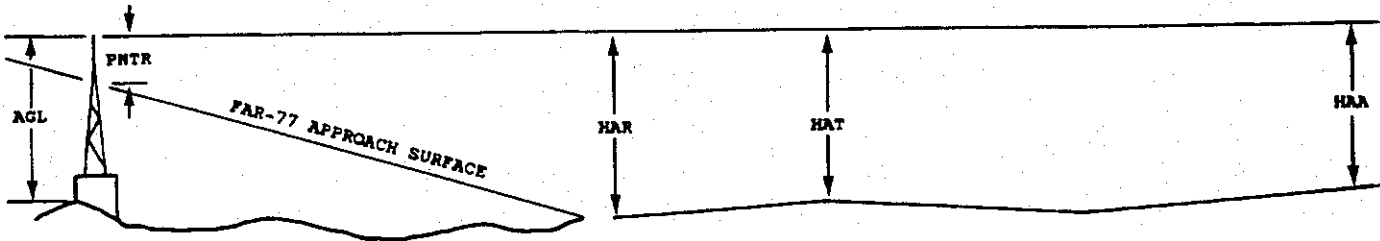ISOMETRIC VIEW OF SECTION A-A

**FAR-77 CIVIL AIRPORT
IMAGINARY SURFACES**

ANNOTATION OF ODS DATA FORMAT

OC XXXX

AIRPORT ELEVATION XXXX

X^1 X^2 XXXX/XXXX^3 XXXXX.XXX^4 XXXXXX.XXX^4 XXXXXXX^5 XXXX/XXXX^6 XXXXX.XXX^7 XXXXXX.XXX^7

OBJECT	LAT	LONG	A^8	ELEV^9	AGL^{10}	HAR^{11}	HAT^{11}	HAA^{11}	DEND^{12}	DTHR^{12}	DCLN^{12}	PNTR^1
XXXXXXXXXX	XXXXX.XXX	XXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX
XXXXXXXXXX	XXXXX.XXX	XXXXXX.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 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).

OC0353

AIRPORT ELEVATION 6760

3 AV   6730/6741 413518.799 -1090424.323   451204.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR

***   N O   O B S T R U C T I O N S   ***

21 AV   6744/6744 413555.143 -1090335.560 2251236.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
fence	413557.66	-1090334.43	1A	6746		2	2	-14	240		120R	0
ROAD(N)	413557.90	-1090334.13	1A	6755		11	11	-5	274		122R	8

9 C   6728/6737 413551.618 -1090455.998 1031154.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
WSK	413534.23	-1090259.75	1A	6769		41	32	9	-9001		305L	13
ANT ON BLDG	413528.58	-1090301.96	1A	6760		32	23	0	-8968		290R	4
ROAD (N)	413558.21	-1090501.94	1A	6733		5	-4	-27	592		547L	-6
OL LOC	413553.99	-1090509.44	1A	6731		3	-6	-29	1049		0R	-21
OL DME	413551.63	-1090511.28	1A	6742		14	5	-18	1131		264R	-13

27 PIR   6760/6760 413529.048 -1090247.912 2831319.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ANT ON BLDG	413528.58	-1090301.96	1A	6760		0	0	0	-1028		290L	4
WSK	413534.23	-1090259.75	1A	6769		9	9	9	-995		305R	13
BLDG	413526.10	-1090224.68	1A	6771		11	11	11	1787		113R	-21

OC0353

AIRPORT ELEVATION 6760

ARP   413539.183   -1090354.694

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
ANT ON OL RTR	413558.02	-1090357.50	1A	6793		33	34025	1919
OL ON APBN	413600.67	-1090351.44	1A	6797		37	35317	2189
OL LT POLE	413554.17	-1090416.97	1A	6790		30	29839	2273
BUSH	413517.23	-1090423.56	1A	6733		-27	21125	3122
FENCE	413518.26	-1090428.52	1A	6731		-29	21718	3330
ROD ON OL AMOM	413540.05	-1090310.17	1A	6779		19	7519	3384

N

VAR 13.2°E

EL 6744

EL 6728

10000 X 150 PAVED

ARP (1993)

5223 X 75 PAVED

ARPT EL 6760

EL 6730
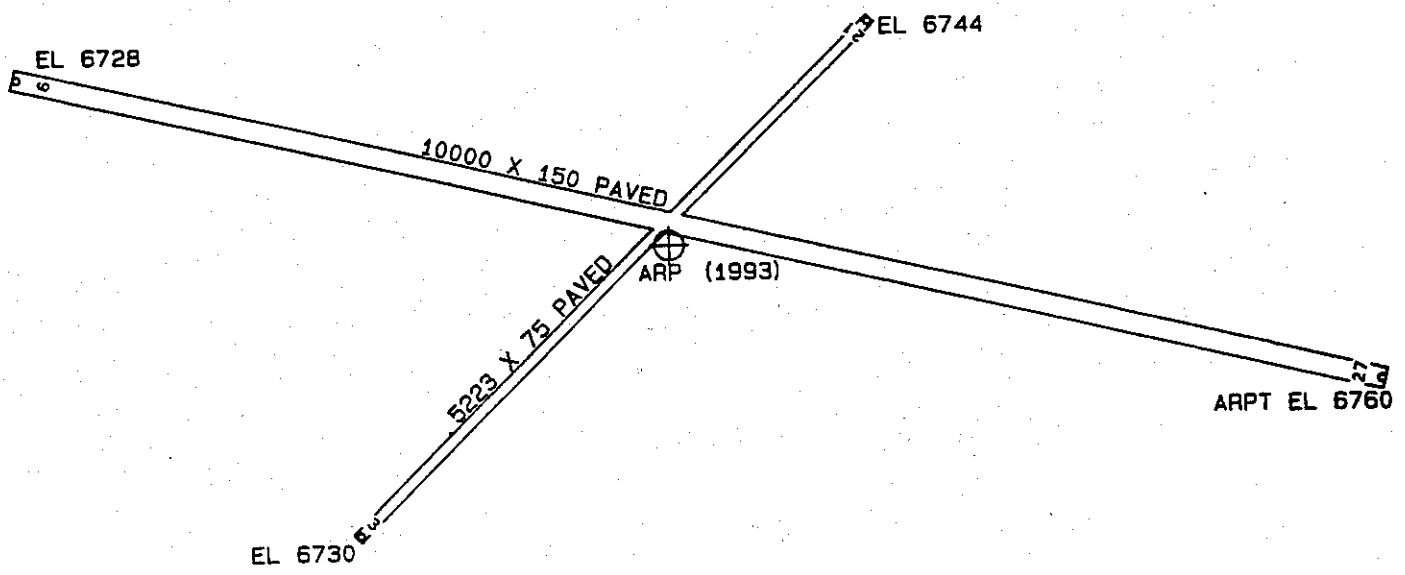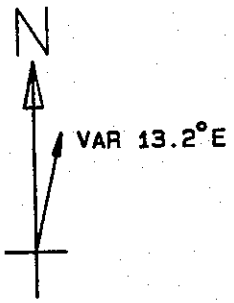
TOUCHDOWN ZONE RUNWAY ELEVATION	
3	6741
21	6744
9	6737
27	6760

ROCK SPRINGS-SWEETWATER COUNTY AIRPORT

ROCK SPRINGS, WYOMING

(NOT TO SCALE)

(ELEVATIONS AND DISTANCES IN FEET)