

OBSTRUCTION DATA SHEET

ODS 5021
ALEXANDRIA ESLER REGIONAL AIRPORT
ALEXANDRIA, LOUISIANA

DIGITIZED FROM

OC 5021
SURVEYED DECEMBER 1990
8TH 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:

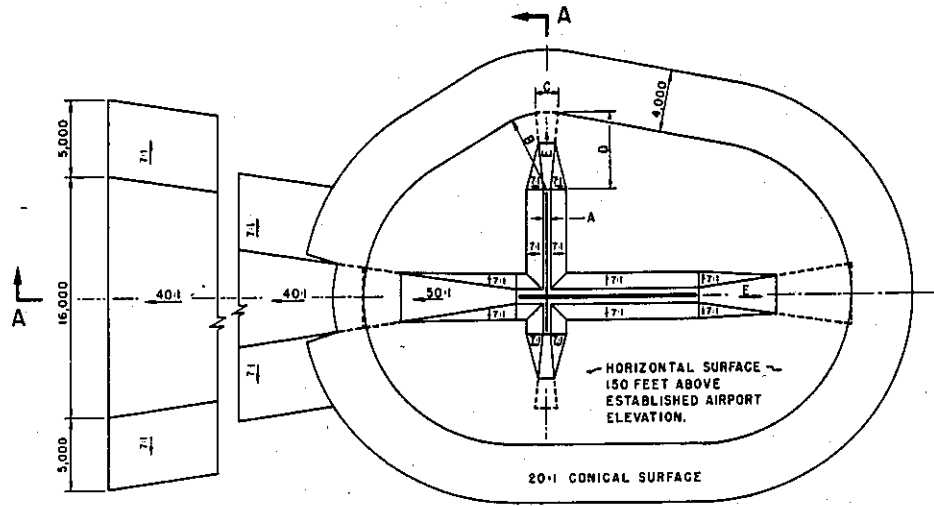
1. Objects located in FAR-77 approach (including supplemental approaches if present) or primary areas are listed with the associated runway (reference runway). For example, all objects in the Runway 9R approach or primary are listed with Runway 9R. Distances to these objects are computed from both the 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)

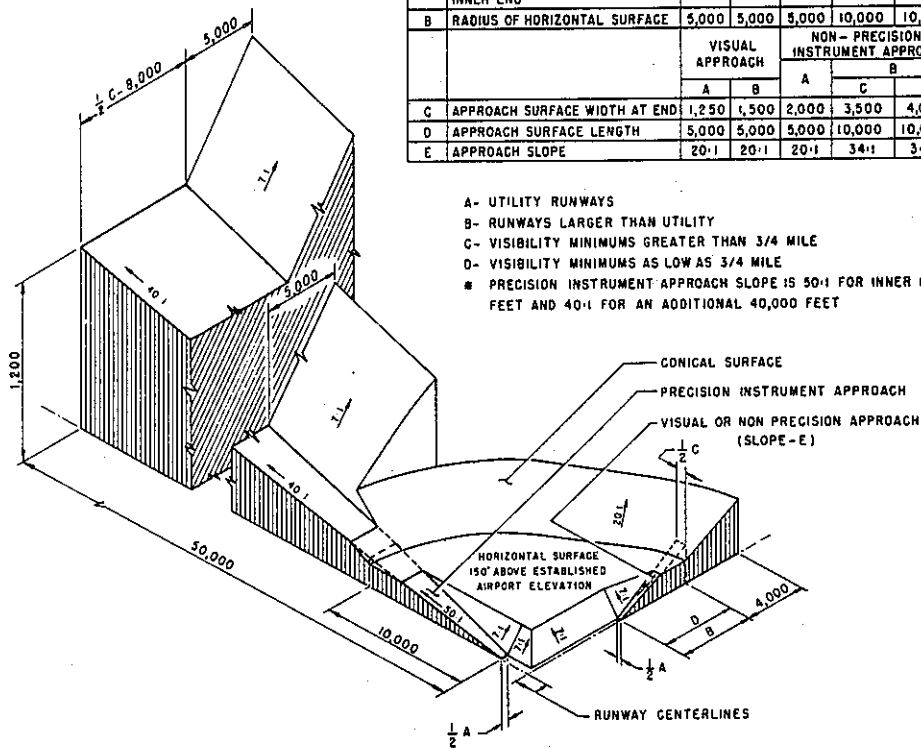
FAR-77 imaginary surface dimensions are defined on page 2 of this report.

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	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	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

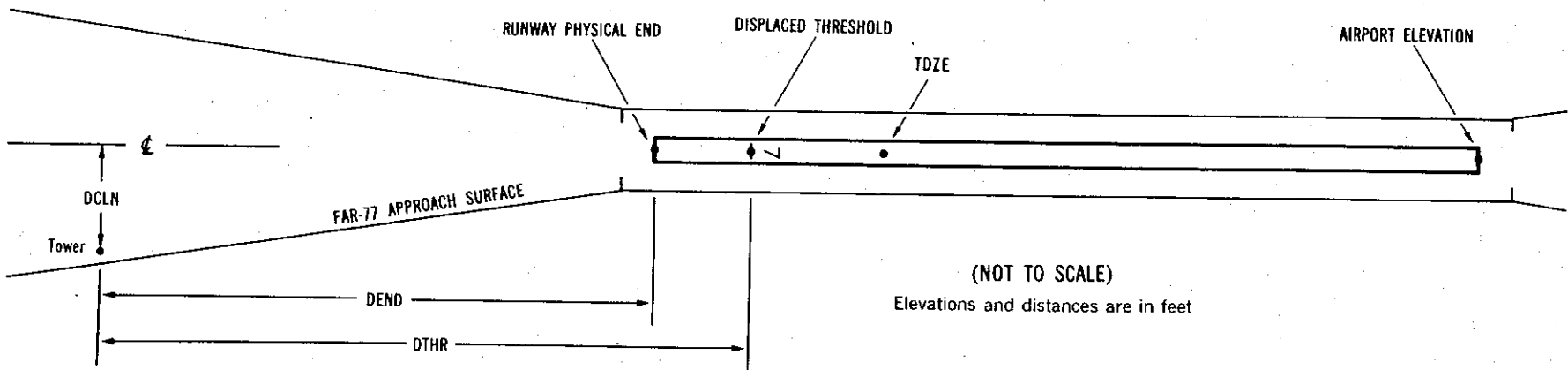
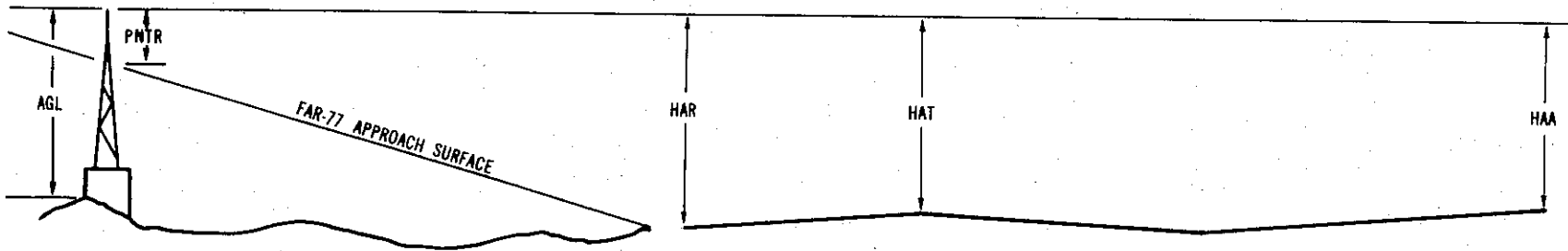
FAR-77 CIVIL AIRPORT
IMAGINARY SURFACES

ANNOTATION OF ODS DATA FORMAT

OC XXXX

AIRPORT ELEVATION XXXX

x ¹	x ²	XXXX/XXXX ³	XXXXXX.XXX ⁴	XXXXXXXX.XXX ⁴	XXXXXXXX ⁵	XXXX/XXXX ⁶	XXXXXX.XXX ⁷	XXXXXXXX.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
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).

OC5021

AIRPORT ELEVATION 112

8 C 96/96 312339.349N 0921821.116W 2705128

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON GLIDE SLOPE	312342.59	0921725.78	1A	129		33	33	17	-4791		400L	38
OL ON LOCALIZER	312339.52	0921834.93	1A	105		9	9	-7	1198		OR	-20
OL ON DME	312341.45	0921835.22	1A	116		20	20	4	1225		194L	-10
TREE	312346.22	0921950.64	1A	257		161	161	145	7769		579L	-62

26 PIR 90/92 312338.455N 0921711.917W 0905204

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON GLIDE SLOPE	312342.59	0921725.78	1A	129		39	37	17	-1208		400R	38
BUILDING	312342.58	0921659.16	1A	99		9	7	-13	1099		434R	-9
POLE	312344.77	0921657.34	1A	109		19	17	-3	1254		657R	-2
TREE	312328.25	0921632.85	1A	156		66	64	44	3401		979L	2
TREE	312348.20	0921623.19	1A	166		76	74	54	4208		1049R	-4
TREE	312335.28	0921619.39	1A	177		87	85	65	4557		251L	-1

OC5021

AIRPORT ELEVATION 112

14 SUPLC 112/112 312405.987N 09218 0.486W 3245454

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
FENCE	312319.55	0921722.51	1A	88		-24	-24	-24	-5732		3R	1
GROUND	312407.54	0921801.80	1A	112		0	0	0	194		3R	1
GROUND	312415.32	0921804.71	1A	136		24	24	24	982		242L	1
GROUND	312416.07	0921814.85	1A	153		41	41	41	1549		433R	1
GROUND	312420.72	0921809.32	1A	156		44	44	44	1658		229L	1
TREE	312425.35	0921810.38	1A	187		75	75	75	2094		423L	19
TREE	312420.85	0921819.49	1A	179		67	67	67	2176		484R	9
TREE	312426.84	0921809.84	1A	192		80	80	80	2191		548L	21
TREE	312425.62	0921812.73	1A	182		70	70	70	2233		272L	10
TREE	312425.41	0921816.50	1A	188		76	76	76	2403		8R	11
TREE	312436.63	0921829.51	1A	228		116	116	116	3979		278R	5
TREE	312439.35	0921827.88	1A	236		124	124	124	4124		5R	9

32 C 88/93 312320.625N 0921723.347W 1445514

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GROUND	312407.54	0921801.80	1A	112		24	19	0	-5795		3L	1
FENCE	312319.55	0921722.51	1A	88		0	-5	-24	131		3L	1
TREE	312304.70	0921713.92	1A	139		51	46	27	1786		256L	4
TREE	312235.77	0921655.16	1A	216		128	123	104	5113		605L	-16

OC5021

AIRPORT ELEVATION 112

ARP 312341.029N 0921744.295W

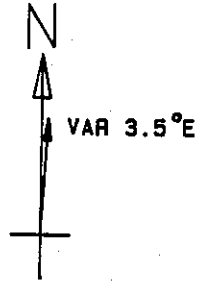
OBJECT	LAT	LONG	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE
OL ON LIGHTED WINDSOCK	312344.98	0921751.00	1A	117		5	300 59	705
ANTENNA ON OL ATCT	312330.29	0921742.01	1A	167		55	166 9	1103
LIGHT STANDARD	312330.32	0921751.06	1A	138		26	204 57	1231
ROD ON OL AIRPORT BEACON	312325.64	0921748.82	1A	157		45	190 39	1603
LIGHT STANDARD	312330.23	0921803.23	1A	145		33	232 53	1971
TREE	312346.66	0921720.21	1A	148		36	71 16	2164
TREE	312319.41	0921733.68	1A	175		63	153 39	2370
TREE	312346.66	0921711.03	1A	137		25	75 20	2939
TREE	312330.30	0921712.47	1A	148		36	107 57	2964
FENCE POST	312344.78	0921819.45	1A	103		-9	273 35	3071
TREE	312347.71	0921819.00	1A	161		49	279 10	3083
TREE	312323.65	0921714.91	1A	173		61	121 5	3093
POLE	312331.87	0921818.72	1A	127		15	249 17	3124
TREE	312322.15	0921715.70	1A	164		52	124 5	3128
TREE	312328.32	0921818.28	1A	183		71	242 57	3213
ANTENNA ON OL RTR TOWER	312355.93	0921817.28	1A	246		134	294 16	3231
TREE	312349.81	0921820.76	1A	183		71	282 11	3282
TREE	312403.11	0921812.47	1A	222		110	308 55	3308
FENCE	312344.88	0921825.52	1A	102		-10	272 43	3594
TREE	312332.29	0921703.99	1A	122		10	100 41	3604
TREE	312309.35	0921723.17	1A	166		54	146 43	3688
TREE	312406.21	0921816.11	1A	235		123	309 12	3752
TREE	312316.56	0921711.48	1A	160		48	127 30	3769
POLE	312345.87	0921828.50	1A	129		17	273 47	3863
TREE	312350.40	0921829.29	1A	184		72	280 9	4014
TREE	312327.79	0921828.01	1A	191		79	247 3	4018
TREE	312329.08	0921657.98	1A	163		51	103 14	4192
TREE	312422.85	0921759.03	1A	242		130	339 41	4415
TREE	312425.70	0921805.17	1A	215		103	334 40	4863
TREE	312416.52	0921822.36	1A	223		111	313 53	4873
ANTENNA	312347.14	0921645.97	1A	158		46	79 32	5093
TREE	312329.26	0921646.27	1A	153		41	99 48	5169
TREE	312349.59	0921858.90	1A	211		99	274 7	6524

OC5021 File Continued from Previous Page

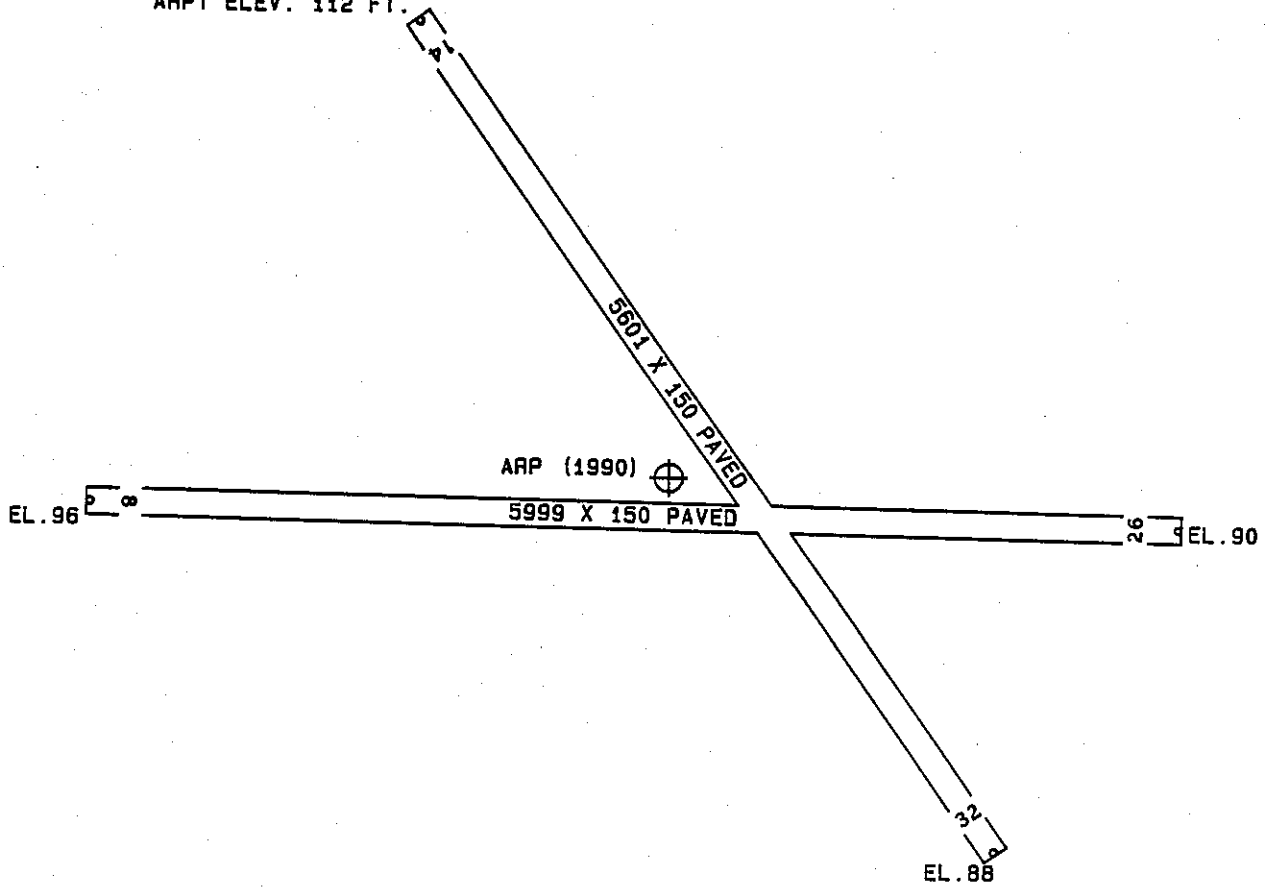
AIRPORT ELEVATION 112

ARP 312341.029N 0921744.295W

OBJECT	LAT	LONG	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE
TREE	312503.79	0921754.64	1B	222		110	350 23	8410
TREE	312514.38	0921803.81	1B	248		136	346 20	9583
TREE	312424.40	0921934.54	1B	272		160	291 9	10512
TREE	312429.83	0921931.88	1B	266		154	294 23	10548
OL WATER TANK	312158.51	0921816.81	1B	261		149	191 44	10735



ARPT ELEV. 112 FT.



TOUCHDOWN ZONE RUNWAY ELEVATION	
8	96
26	92
14	112
32	93

ALEXANDRIA ESLER REGIONAL AIRPORT
 ALEXANDRIA, LOUISIANA
 (NOT TO SCALE)