F	Form 10-306				PH 0038	757		
	(Oct. 1972) UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE NATIONAL REGISTER OF HISTORIC PLACES INVENTORY - NOMINATION FORM				California county: Orange			
		DRY - NOMINATIO FEDERAL PROPER		FOR NPS USE ONLY				
	(Type all entr	ies - complete applic	able sections)		AF	R 3 1975		
N	AME			•				
	Lighter-than-Air	shiP Hangars, Mari	ne Corps A	ir Station	₽ (Helicopter)	,Santa Ana,		
ļ	LOCATION							
	STREET AND NUMBER: Valencia and Red	ht 11 Arronno						
╞	CITY OR TOWN:	IIII Avenue		CONGRESSIO	NAL DISTRICT:	······································		
	Santa Ana			39th at r	resent; 40th	after 1Jan7		
	STATE:		CODE	COUNTY:		CODE		
	California		06	Orange		059		
	CATEGORY (Check One)		ÓWNERSHIP	,	STATUS	ACCESSIBLE TO THE PUBLI		
Ī	District Building	Public	Public Acquisi	tion:	X Occupied	Yes:		
	Site Structure	Private	🗌 In Proc	855	Unoccupied	xx Restricted		
	🗖 Object	Both	🔲 Being C	Considered	Preservation work	Unrestricted		
					in progress	□ N•		
	PRESENT USE (Check One of	or More as Appropriate)						
	Agricultural	Government] Park		Transportation	Comments		
] Private Reside	nce	Other (Specify)	<u> </u>		
		-] Religious] Scientific	 .				
		MUSEUM						
1								
	Department of the	e Navy, U. S. 1	Marine Cor	os				
	REGIONAL HEADQUARTER			STREET	AND NUMBER:			
	Marine Corps Air	Station (Helie	copter)	Valenc	ia and Redhil	1 Avenue		
	Santa Ana					CODE		
	Janica Ana							
	LOCATION OF LEGAL DE	SCRIPTION		Califo	rnia	<u>06</u> i		
	LOCATION OF LEGAL DE				rnia			
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	COURTHOUSE, REGISTRY C Western Real Esta Street and number: Box 727 CITY OR TOWN: San Bruno	OF DEEDS, ETC: ate Division		STATE:	ifornia			
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| 7. | DESCRIPTION |             |        |             |  |              |         |               |  |  |
|----|-------------|-------------|--------|-------------|--|--------------|---------|---------------|--|--|
|    | CONDITION   | (Check One) |        |             |  |              |         |               |  |  |
|    |             | 🗀 Excellent | 🕱 Good | 🛄 Fair      |  | Deteriorated | - Ruins | Unexposed     |  |  |
|    |             | (Check One) |        |             |  | (Check One)  |         |               |  |  |
|    |             | Alte        | red 🖸  | d Unaltered |  |              | Moved   | Original Site |  |  |

DESCRIBE THE PRESENT AND ORIGINAL (if known) PHYSICAL APPEARANCE

The airship hangars at Santa Ana are two of a series of hangars built in ten different locations throughout the United States. All locations used the same plans and began construction during the early years of World War II.

The hangars stand 189 feet high to the top of the wind indicator, and 178 feet to the top of the roof. The hangars are 1088 feet long and 297 feet wide, covering a total ground area of 298,188 square feet.

The hangars are constructed in three main sections. Two of the sections are identical supporting structures of concrete located at each end of the hangar. Each structure consists of two pillars, six huge doors, and a brace connecting the two pillars at the top. The pillars are used as "pockets" to house the hangar doors (3 in each pillar) when open. The brace is also used as a guide for opening and closing the doors.

The third section of the hangar is the wood-framed, 484,932 square foot, arched roof. The roof is supported by fifty-one individual wooden braces.

The hangars are in their original appearance and location, however, they were reroofed in late 1957.

RECEIPED NATIONAL REGISTER

| . SIGNIF | ICANCE                     |                    |                |                                       |
|----------|----------------------------|--------------------|----------------|---------------------------------------|
| PERIC    | DD (Check One of More as A | ppropriate)        |                |                                       |
|          | Pre-Columbian              | 🔄 16th Century     | 🛄 18th Century | 🔀 20th Century                        |
|          | 15th Century               | 17th Century       | 🛄 19th Century |                                       |
| SPECI    | FIC DATE(S) (If Applicable | and Known) 1943-pr | esent          |                                       |
| AREA     | S OF SIGNIFICANCE (Chec    | -                  |                |                                       |
|          | Aboriginal                 | Education          | Political      | 📺 Urban Planning                      |
|          | Prehistoric                | Engineering        | Religion/Phi-  | Other (Specify)                       |
|          | 🛄 Historic                 | 🔲 Industry         | losophy        | <del>-</del>                          |
|          | Agri culture               | Invention          | Science        |                                       |
|          | Architecture               | 🛄 Lands cape       | Sculpture      |                                       |
|          | Art                        | Architecture       | Social/Human-  |                                       |
|          | Commerce                   | Literature         | itarian        | *                                     |
|          | Communications             | <b>XX</b> Military | Theater .      |                                       |
|          | Conservation               | Music              | Transportation |                                       |
| STATE    | EMENT OF SIGNIFICANCE      |                    |                | · · · · · · · · · · · · · · · · · · · |

The airship hangars are among the largest wood supported structures in the world, rivaled only by the other hangars built from the same They have long been considered a landmark in Orange County. plans.

The hangars mark a significant period of American history, when the airships were an important part of the United States anti-submarine defense. Each hangar is capable of sheltering six airships, an entire squadron.

The hangars were completed in 1943 when the air station was Santa Ana Naval Lighter-Than-Air Base. Following World War II, the base was decommissioned. During the period 1949-1951 the hangars were used by private enterprise as a museum for aircraft and a storage area.

In 1951 the base was recommissioned and the hangars were used to house helicopter squadrons during the development of the vertical assault. The hangars are still used to house helicopters in the now reclassified Marine Corps Air Station (Helicopter), Santa Ana.



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|---------------------------------------------------------|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|------------------|--------|-----------------------------------------------|---------------------------|--------------------------|---------|------------|
| MAJOR                                                   | BIBLIOGRAPHICAL RE                                   | FERENCES                                                                                                        |                  |        |                                               |                           |                          |         |            |
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| FORM P                                                  | REPARED BY                                           |                                                                                                                 | 1                |        |                                               |                           | <u>_</u>                 | 1       |            |
| NAME AN                                                 | ID TITLE:                                            |                                                                                                                 |                  |        |                                               |                           | DATE:                    | 1074    | T C        |
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| STREET                                                  | AND NUMBER:<br>Valencia and Re                       | dhill Avenu                                                                                                     | ıe               |        |                                               |                           | PHONE: 544-2<br>Ext. 301 | 2400    |            |
| CITY OR                                                 |                                                      |                                                                                                                 |                  | Т      | STATE                                         |                           | DAL. JUL                 | CODE    |            |
|                                                         | <u>Santa Ana</u><br>ICATION OF NOMINAT               |                                                                                                                 |                  |        | California                                    | ALCTER                    | VERIFICATIO              | 06      |            |
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| State Li<br>X Ye                                        | aison Officer recommend                              | lation:                                                                                                         |                  |        | I hereby certify that thi                     | is prope                  | rty is included in       | n the   |            |
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| view Board and to evaluate its significance. The recom- |                                                      |                                                                                                                 |                  | .      | Dare                                          |                           |                          |         |            |
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