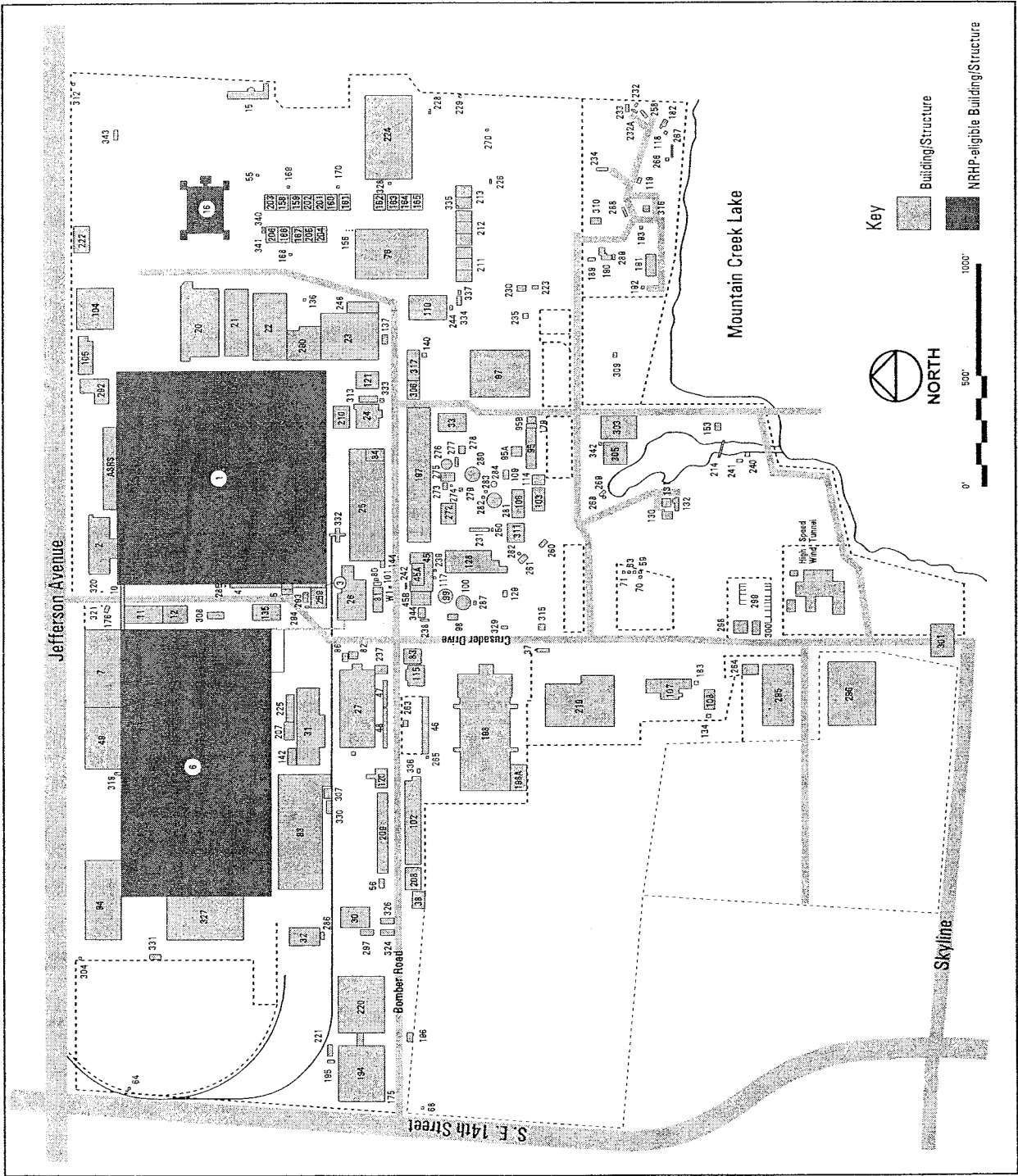


EXECUTIVE SUMMARY

The Historic Resources Survey and NRHP Assessment of Naval Weapons Industrial Reserve Plant Dallas, Texas, is a comprehensive inventory of all extant properties at the federally owned plant near the former Naval Air Station Dallas. Hardy•Heck•Moore & Myers, Inc. (HHM&M), a cultural resources management firm from Austin, Texas, prepared the report for Southern Division, Naval Facilities Engineering Command (SOUTH-DIV) under Contract N62467-98-D-0994, Task Order 001. Impetus for the project stems from the planned transfer of the federally owned property to the City of Dallas. Such an action by a federal agency requires compliance with Sections 106 and 110 of the National Historic Preservation Act (36 CFR Part 800). The Act instructs federal agencies to inventory properties under their stewardship and determine if they are eligible for listing in the National Register of Historic Places (NRHP). The Act also mandates that federal agencies consider the effects of their actions on NRHP-eligible properties.

The study began with a survey of the 314.66-acre project area, and the field crew inventoried 159 government-owned buildings and structures within the plant. No archeological investigations were undertaken because all land within the project area has been disturbed or is covered with asphalt. Following completion of field investigations, the contractor

developed a historic context that examined major themes associated with the development and operation of the plant and its facilities. The contractor then documented and evaluated each of the government-owned resources, regardless of age, condition, and use. Within the framework of the historic context, the contractor assessed the government-owned properties and considered their relative significance and applicable NRHP Criteria. The contractor evaluated all of the identified properties that met the recommended 50-year age threshold for NRHP eligibility and considered their relative significance within the context of aircraft production during World War II and the early years of the Cold War. However, all other government-owned resources built between 1949 and 1991 were also considered for any exceptional significance associated with the Cold War. The report recommends that *Facilities 1, 6, and 16 are the only properties eligible for inclusion in the NRHP*. They are significant for their historical associations (Criterion A) and not their physical attributes. *The remaining government-owned properties are recommended as ineligible for the NRHP* because they lack significance or integrity and/or they do not possess exceptional significance, as defined by federal regulations. The SHPO has agreed with these recommendations, as stated in a letter dated 22 October 1999 (incorporated as Appendix C).



HISTORIC RESOURCES SURVEY AND ASSESSMENT NWIRP DALLAS, DALLAS COUNTY, TEXAS

Facility No.	Current Name	Property Type	Date	Architect, if known	For More Information	NRHP Recommendation
1	Manufacturing Building	production	1941	Allen & Kelley Architects	V-1	eligible under Criterion A
2	Office Building	administrative	1942	Allen & Kelley Architects	V-5	not eligible
3	Maintenance Lean-To	operational support	1943	J. Gordon Tumball, Inc.	V-7	not eligible
4	Maintenance Lean-To	operational support	1943	J. Gordon Tumball, Inc.	V-9	not eligible
5	Maintenance Lean-To	administrative	1942	Allen & Kelley Architects	V-11	not eligible
6	Manufacturing Building	production	1943	Allen & Kelley Architects	V-13	eligible under Criterion A
7	Office Building	administrative	1943	Allen & Kelley Architects	V-17	not eligible
10	Overpass Connection	operational support	1943	Allen & Kelley Architects	V-19	not eligible
11	Cafeteria	operational support	1943	Allen & Kelley Architects	V-21	not eligible
12	General Storage Shed	operational support	1943	Allen & Kelley Architects	V-23	not eligible
15	Flight Tower	operational support	1943	Allen & Kelley Architects	V-25	not eligible
16	Hangar	production	1943	Allen & Kelley Architects	V-27	eligible under Criterion A
20	Bond Shop	production	1941	Allen & Kelley Architects	V-29	not eligible
21	Manufacturing Building	operational support	1943	Allen & Kelley Architects	V-31	not eligible
22	Drop Hammer Building	production	1941	Allen & Kelley Architects	V-33	not eligible
23	Tooling Building	production	1941	Allen & Kelley Architects	V-35	not eligible
24	Warehouse	production	1943	J. Gordon Tumball, Inc.	V-37	not eligible
25	Warehouse	operational support	1943	J. Gordon Tumball, Inc.	V-39	not eligible
26	Powerhouse	utilities and infrastructure	1941	Allen & Kelley Architects	V-41	not eligible
27	Maintenance and Garage Building	operational support	1942	Allen & Kelley Architects	V-43	not eligible
30	Shop Supply/Paint Warehouse	production	1942	Allen & Kelley Architects	V-45	not eligible
31	Maintenance - West Building	operational support	1943	J. Gordon Tumball, Inc.	V-47	not eligible
32	Container Fabrication	production	1942	Allen & Kelley Architects	V-49	not eligible
33	Materials Warehouse	operational support	1974	J. Gordon Tumball, Inc.	Survey Form	not eligible
37	TV Gate	operational support	1943	J. Gordon Tumball, Inc.	V-51	not eligible
38	Turnstile Gate 24	operational support	1943	J. Gordon Tumball, Inc.	V-53	not eligible

HISTORIC RESOURCES SURVEY AND ASSESSMENT NWIRP DALLAS, DALLAS COUNTY, TEXAS

Facility No.	Current Name	Property Type	Date	Architect, if known	For More Information	NRHP Recommendation
45	Cooling Tower	utilities and infrastructure	1941	Allen & Kelley Architects	V-55	not eligible
45 A	Cooling Tower	utilities and infrastructure	1995	Allen & Kelley Architects	Survey Form	not eligible
45 B	Cooling Tower Water Reservoir	utilities and infrastructure	1995	Allen & Kelley Architects	Survey Form	not eligible
46	Lumber Shed	operational support	1943	Allen & Kelley Architects	V-56	not eligible
47	Storage Shed	operational support	1943	J. Gordon Tumball, Inc.	V-57	not eligible
48	Storage Shed	operational support	1943	J. Gordon Tumball, Inc.	V-58	not eligible
49	Engineering Building	administrative	1949	Albert Kahn Associates, Inc.	V-59	not eligible
55	Sewage Lift Station	utilities and infrastructure	1943	J. Gordon Tumball, Inc.	V-61	not eligible
56	Cylinder Storage	operational support	1941	Allen & Kelley Architects	V-62	not eligible
59	Guardhouse	operational support	1942	Allen & Kelley Architects	V-63	not eligible
63	Guardhouse Gate 16	operational support	1942	Allen & Kelley Architects	V-65	not eligible
64	Guardhouse Gate 17	operational support	1943	J. Gordon Tumball, Inc.	V-67	not eligible
68	Guardhouse	operational support	1942	Allen & Kelley Architects	V-69	not eligible
70	Guardhouse Gate 42	operational support	1942	Allen & Kelley Architects	V-71	not eligible
71	Guardhouse	operational support	1943	J. Gordon Tumball, Inc.	V-73	not eligible
76	Hangar	production	1949	Albert Kahn Associates Inc./George H. Miehs, Engineer	V-75	not eligible
81	Transformer Bank A, B & E-1	utilities and infrastructure	1941	Allen & Kelley Architects	Survey Form	not eligible
82	Transformer Bank C	utilities and infrastructure	1942	Allen & Kelley Architects	Survey Form	not eligible
84	Warehouse	operational support	1941	Allen & Kelley Architects	Survey Form	not eligible
86	Switchboard House	utilities and infrastructure	1949	Bureau of Yards and Docks	V-80	not eligible
91	Gasoline Station	operational support	1990	J. Gordon Tumball, Inc.	Survey Form	not eligible
93	Shipping & Manufacturing Building	production	1953	Bureau of Yards and Docks	Survey Form	not eligible
94	Structures Test Lab	research and development	1954	Corgan, Lane & Associates A/E, Dallas	Survey Form	not eligible
95	Test Cell Building	production	1954	Bureau of Yards and Docks	Survey Form	not eligible
97	Hangar (Engineer Flight Test)	production	1954	Harwood K. Smith and Joseph M. Mills, A/E, Dallas	Survey Form	not eligible
98	Water Pump House (Potable)	utilities and infrastructure	1954	Bureau of Yards and Docks	Survey Form	not eligible

HISTORIC RESOURCES SURVEY AND ASSESSMENT NWIRP DALLAS, DALLAS COUNTY, TEXAS

Facility No.	Current Name	Property Type	Date	Architect, if known	For More Information	NRHP Recommendation
99	Water Storage Tank (Potable)	utilities and infrastructure	1954	Bureau of Yards and Docks	Survey Form	not eligible
W 1	Well No. 1	utilities and infrastructure	1941	Allen & Kelley Architects	V-81	not eligible
100	Water Storage Tank (Potable)	operational support	1954		Survey Form	not eligible
101	Powerhouse Storage Building	utilities and infrastructure	1955		Survey Form	not eligible
102	Machine Tool/Furniture Building	operational support	1954	Bureau of Yards and Docks	Survey Form	not eligible
103	Test Cell Building	production	1954	Bureau of Yards and Docks	Survey Form	not eligible
104	Paint Hangar	production	1956	Smith & Warder A & E	Survey Form	not eligible
105	Paint Stripping Building	production	1956	Smith & Warder A & E	Survey Form	not eligible
106	Engine Assembly Building	production	1954	Bureau of Yards and Docks	Survey Form	not eligible
107	Low-Speed Wind Tunnel	research and development	1955	Bureau of Yards and Docks	Survey Form	not eligible
109	Gasoline Pumphouse	operational support	1954	Bureau of Yards and Docks	Survey Form	not eligible
110	Fuel Calibration Shelter	production	1955	Chance Vought Aircraft Inc.	Survey Form	not eligible
114	Engine Storage Building	production	1955	Chance Vought Aircraft Inc.	Survey Form	not eligible
115	Fire Station	operational support	1954	Bureau of Yards and Docks	Survey Form	not eligible
117	Water Pumphouse (Fire)	utilities and infrastructure	1956		Survey Form	not eligible
128	High Temperature Test Lab	research and development	1958	R. C. Stokes & Associates	Survey Form	not eligible
129	Cooling Tower	utilities and infrastructure	1972	J. Gordon Turnball, Inc.	Survey Form	not eligible
130	Rocket System Fuel Test Building	research and development	1958	Smith & Warder, A & E, Grand Prairie, TX	Survey Form	not eligible
131	Rocket Fuel Storage Shed	operational support	1958	Smith & Warder, A & E, Grand Prairie, TX	Survey Form	not eligible
132	Rocket Engine Test Building	research and development	1958	Smith & Warder, A & E, Grand Prairie, TX	Survey Form	not eligible
135	Internal Transportation	production	1958	Smith & Warder	Survey Form	not eligible
156	Air Start System (3 Tanks)	production	1957		Survey Form	not eligible
158	Line Shelter	production	1960		Survey Form	not eligible
159	Line Shelter	production	1960		Survey Form	not eligible
160	Line Shelter	production	1958		Survey Form	not eligible
161	Line Shelter	production	1960		Survey Form	not eligible

HISTORIC RESOURCES SURVEY AND ASSESSMENT NWIRP DALLAS, DALLAS COUNTY, TEXAS

Facility No.	Current Name	Property Type	Date	Architect, if known	For More Information	NRHP Recommendation
162	Line Shelter	production	1958		Survey Form	not eligible
163	Line Shelter	production	1958		Survey Form	not eligible
164	Line Shelter	production	1958		Survey Form	not eligible
165	Line Shelter	production	1958		Survey Form	not eligible
166	Line Shelter	production	1958		Survey Form	not eligible
167	Line Shelter	production	1958		Survey Form	not eligible
168	Generator Shed	utilities and infrastructure	1957		Survey Form	not eligible
169	Generator Shed	utilities and infrastructure	1957		Survey Form	not eligible
170	Generator Shed	utilities and infrastructure	1957		Survey Form	not eligible
175	Guardhouse Gate 22	operational support	1959		Survey Form	not eligible
176	Guardhouse Gate 2	operational support	1959		Survey Form	not eligible
179	Air Start System	production	1960		Survey Form	not eligible
190	Control Building	research and development	1965		Survey Form	not eligible
191	Test Cells	research and development	1965		Survey Form	not eligible
192	Oxidizer Storage	production	1965		Survey Form	not eligible
193	Fuel Storage	production	1965		Survey Form	not eligible
194	Engineering Building	administrative	1968	Dales Y. Foster, Architect / Leo L. Landauers & Assoc. Eng.	Survey Form	not eligible
195	Cooling Tower	utilities and infrastructure	1967		Survey Form	not eligible
196	TV Gate 22A	operational support	1967		Survey Form	not eligible
197	Warehouse	operational support	1967		Survey Form	not eligible
198	Machine Shop/Special Projects Building	production	1968		Survey Form	not eligible
201	Line Shelter	production	1970		Survey Form	not eligible
202	Line Shelter	production	1970		Survey Form	not eligible
203	Line Shelter	production	1970		Survey Form	not eligible
204	Line Shelter	production	1970		Survey Form	not eligible
205	Line Shelter	production	1970		Survey Form	not eligible
206	Plastic Media Bead Blast Facility	production	1970		Survey Form	not eligible

HISTORIC RESOURCES SURVEY AND ASSESSMENT NWIRP DALLAS, DALLAS COUNTY, TEXAS

Facility No.	Current Name	Property Type	Date	Architect, if known	For More Information	NRHP Recommendation
207	Salt Bath Building	production	1967		Survey Form	not eligible
208	Hazardous Materials Storage	production	1967		Survey Form	not eligible
209	Hazardous Material/Maintenance Storage	production	1967		Survey Form	not eligible
211	Line Shelter	production	1968		Survey Form	not eligible
212	Line Shelter	production	1968		Survey Form	not eligible
213	Line Shelter	production	1968		Survey Form	not eligible not eligible
214	Lagoon Retention Dam	utilities and infrastructure	1972		Survey Form	not eligible
219	Warehouse	operational support	1968		Survey Form	not eligible
220	Office Building	administrative	1969	Dales M. Mills, A/E, Dallas	Survey Form	not eligible
221	Cooling Tower	utilities and infrastructure	1969		Survey Form	not eligible
222	Office Building	production	1969	Harper & Kemp, Architects	Survey Form	not eligible
223	Magazine	production	1968		Survey Form	not eligible
224	Hangar	production	1969		Survey Form	not eligible
225	Hydropress Building	production	1969		Survey Form	not eligible
226	Air Start System	production	1970		Survey Form	not eligible
228	Fueling Station (Aircraft)	production	1968		Survey Form	not eligible
229	Guardhouse Gate 49	operational support	1968		Survey Form	not eligible
230	Gun Firing Butt	production	1968		Survey Form	not eligible
231	Dual Fuel Evaluation Control Building	research and development	1969		Survey Form	not eligible
233	High Explosives Magazine	production	1969		Survey Form	not eligible
234	Ammunition and Explosives Magazine	production	1969		Survey Form	not eligible
235	Lox Storage Building	production	1970		Survey Form	not eligible
238	Water Surge Tank (Potable)	utilities and infrastructure	1974		Survey Form	not eligible
239	Fire Pump Controls Building	utilities and infrastructure	1969		Survey Form	not eligible
240	Water Quality Monitoring Building	utilities and infrastructure	1971		Survey Form	not eligible
241	Industrial Waste Skimmer	operational support	1972		Survey Form	not eligible

HISTORIC RESOURCES SURVEY AND ASSESSMENT NWIRP DALLAS, DALLAS COUNTY, TEXAS

Facility No.	Current Name	Property Type	Date	Architect, if known	For More Information	NRHP Recommendation
242	Water Surge Tank (Fire)	utilities and infrastructure	1974		Survey Form	not eligible
243	Pipe Line Bridge	utilities and infrastructure	1943	J. Gordon Tumball, Inc.	Survey Form	not eligible
266	IWG Pumping Station	utilities and infrastructure	1978		Survey Form	not eligible
267	Overflow Dam	utilities and infrastructure	1978		Survey Form	not eligible
268	IWG Pumping Station	utilities and infrastructure	1975		Survey Form	not eligible
269	Settling Basin	utilities and infrastructure	1975		Survey Form	not eligible
270	Underground Fuel Trap	utilities and infrastructure	1975		Survey Form	not eligible
271	IWG Pumping Station	utilities and infrastructure	1975		Survey Form	not eligible
272	Feeder and Control Building	utilities and infrastructure	1978		Survey Form	not eligible
273	Emergency Generator Building	utilities and infrastructure	1975		Survey Form	not eligible
274	Underground Fuel Oil Tank	operational support	1975		Survey Form	not eligible
275	Chemicals Storage Building	utilities and infrastructure	1975		Survey Form	not eligible
276	Thickener Clarifier Tank	utilities and infrastructure	1975		Survey Form	not eligible
277	Sewage Pumping Station	utilities and infrastructure	1975		Survey Form	not eligible
278	Industrial Waste Pumping Station	utilities and infrastructure	1975		Survey Form	not eligible
279	Sludge Sump	utilities and infrastructure	1975		Survey Form	not eligible
280	Solids Clarifier Tank	utilities and infrastructure	1975		Survey Form	not eligible
281	Air Flotation Clarifier Tank	utilities and infrastructure	1975		Survey Form	not eligible
282	Air Saturation Tank	utilities and infrastructure	1975		Survey Form	not eligible
283	Air Float Pumping Station	utilities and infrastructure	1975		Survey Form	not eligible
284	Oil Storage Tank	operational support	1975		Survey Form	not eligible
285	IWG Pumping Station	utilities and infrastructure	1978		Survey Form	not eligible
286	Substation P& L 17	utilities and infrastructure	1969		Survey Form	not eligible
287	Water Distribution Building	utilities and infrastructure	1976		Survey Form	not eligible
288	Magazine	production	1980		Survey Form	not eligible
289	Explosives Test Cell	production	1980		Survey Form	not eligible
328	Generator House	operational support	1959		Survey Form	not eligible
344	Plant Condenser Water Pumping Facility	infrastructure support	1996		Survey Form	not eligible