

**TABLE OF CONTENTS**

Executive Summary .....I  
 Table of Contents .....IX  
 List of Figures .....XII  
 List of Tables .....XV  
 Introduction .....I-1  
 National Register of Historic Places .....II-1  
     Development of Historic Contexts .....II-3  
     Applying the NRHP Criteria and Criteria Considerations .....II-3  
     NRHP Criterion C .....II-5  
     NRHP Criterion D .....II-5  
     NRHP Criterion G .....II-5  
 Field and Research Methods .....III-1  
     Project Goals .....III-1  
     Coordination with the Texas State Historic Preservation Office .....III-3  
     Field Investigations .....III-3  
     Research Methods .....III-4  
 Historic Context .....IV-1  
     Introduction .....IV-1  
     World War II .....IV-1  
         Industrial Mobilization: The Defense Period, 1939-1941 .....IV-3  
             The Creation of the Defense Plant Corporation .....IV-4  
             DPC Begins Operations .....IV-5  
             North American Aviation and Its expansion Into Texas .....IV-7  
             The DPC Expands Into North Texas .....IV-12  
             Construction and Operations begin at Plancor #25 .....IV-16  
         Industrial Mobilization: The War Period, December 1941–August 1945 .....IV-19  
             Expansion at Plancor #25 .....IV-20  
             Full-Scale Operational Activities Begin at Plancor #25 .....IV-25  
             Plancor #25 Operations Are Reduced .....IV-29  
         Industrial Mobilization: The Transition Period, August  
         1945–December 1947 .....IV-31  
             Defense Plant Corporation Closes Shop .....IV-31  
             Plancor #25 Changes Ownership .....IV-33  
     The Cold War Period .....IV-35  
         The Department of the Navy Assumes Command at Dallas .....IV-35  
             The Navy Locates a New Tenant for NIRAP Dallas .....IV-36  
             Vought Moves to Dallas .....IV-38  
             Expansion of NIRAP Dallas .....IV-39  
             Vought Begins Production at NIRAP Dallas .....IV-40  
         The Korean Conflict: 1950–1956 .....IV-43  
             Production for the Korean War Begins at NIRAP Dallas .....IV-44  
             Vought and the Navy Expand Plant “B” Facilities .....IV-44  
             Expansion of TEMCO’s Plant “A” Facilities .....IV-48

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

Post-Korean War Production Continues at NIRAP Dallas .....	IV-51
Conflict Develops at NWIRP Dallas as TEMCO Merges With Vought .....	IV-54
LTV Tries to Purchase NWIRP Dallas.....	IV-55
The Vietnam Period, 1965–1975 .....	IV-58
LTV Begins Production for Vietnam War .....	IV-59
LTV Expands NWIRP Dallas to Meet Its Production Demand.....	IV-62
LTV Operations in Post-Vietnam to 1992 .....	IV-66
Production at NWIRP Dallas from 1992 to the Present.....	IV-67
Individual Property Assessments.....	V-1
Facility 1 .....	V-1
Facility 2 .....	V-5
Facility 3 .....	V-7
Facility 4 .....	V-9
Facility 5 .....	V-11
Facility 6 .....	V-13
Facility 7 .....	V-17
Facility 10 .....	V-19
Facility 11 .....	V-21
Facility 12 .....	V-23
Facility 15 .....	V-25
Facility 16 .....	V-27
Facility 20 .....	V-29
Facility 21 .....	V-31
Facility 22 .....	V-33
Facility 23 .....	V-35
Facility 24 .....	V-37
Facility 25 .....	V-39
Facility 26 .....	V-41
Facility 27 .....	V-43
Facility 30 .....	V-45
Facility 31 .....	V-47
Facility 32 .....	V-49
Facility 37 .....	V-51
Facility 38 .....	V-53
Facility 45 .....	V-55
Facility 46 .....	V-56
Facility 47 .....	V-57
Facility 48 .....	V-58
Facility 49 .....	V-59
Facility 55 .....	V-61
Facility 56 .....	V-62
Facility 59 .....	V-63
Facility 63 .....	V-65
Facility 64 .....	V-67

**LIST OF FIGURES**

IV-1. Real estate summary map. ....IV-11

IV-2. Aerial photo of NAS Dallas and Hensley Field in relation to Plancor #25. ....IV-13

IV-3. Interior photograph of Facility 23, the Foundry, during World War II .....IV-18

IV-4. Interior photograph of Facility 22, the Drop Hammer Building .....IV-18

IV-5. Aerial photograph of Plant “A” Facilities under construction, 8 July 1941. ....IV-5

IV-6. Completed Plant “A” Facilities, manufacturing and office buildings, circa 1941 .....IV-6

IV-7. Plant “B” Expansion plot plan as prepared by J.Gordon Turnball, Inc.....IV-21

IV-8. Artist’s rendition of the Plant “B” manufacturing expansion of Plancor #25..... IV-22

IV-9. Photograph of Plant “B” final assembly area for B-24 Bomber .....IV-25

IV-10. B-24 wing production in Plant “B” during World War II. ....IV-25

IV-11. Photograph of Plant “A” final assembly area for the P-51 Mustang Fighter. ....IV-26

IV-12. Aerial view of Plancor #25 following construction,circa 1943.....IV-27

IV-13. The SNJ in flight. ....IV-28

IV-14. SNJ at NAS Dallas.....IV-28

IV-15. A P-51 Mustang fighter on airport runway. ....IV-29

IV-16. P-51 Mustang fighters on production line in Plant “A” during World War II. ....IV-29

IV-17. Production layout/floor plan for B-24 Liberator production in Plant “B”  
during World War II. ....IV-30

IV-18. B-24 Liberator Bomber.....IV-30

IV-19. A notice printed in the *Wall Street Journal*, circa 1945, advertising surplus  
DPC property. ....IV-34

IV-20. Vought manufacturing facility in Stratford,Connecticut. ....IV-37

IV-21. Aerial photograph of Chance Vought facilities at NIRAP Dallas,  
circa 1947–48.....IV-38

IV-22. The front gate and chain-link fence between Plant “A” and Plant “B,”  
circa 1947–48. ....IV-38

IV-23. Map of the Acadia Heights subdivision in relation to NIRAP Dallas  
and NAS Dallas. ....IV-39

IV-24. F6U Pirate .....IV-41

IV-25. F6U Corsair in flight.....IV-41

IV-26. F7U Cutlass in flight.....IV-42

IV-27. Cutlass jet aircraft in final assembly area of Plant “B.”.....IV-42

IV-28. Regulus I in flight. ....IV-43

IV-29. Facility 97 under construction in the summer of 1953.....IV-48

IV-30. TEMCO’s subassembly work in Facility 1, Plant “A,” circa 1950–1952.....IV-49

IV-31. Finished aircraft on NIRAP Dallas property, east of Plant “A,” Facility 1.  
Circa 1952–1953.....IV-49

IV-32. Aerial view of TEMCO’s Plant “A” buildings, (Facilities 1 and 2),  
following the Korean War expansion project.....IV-50

IV-33. A TEMCO employee utilizing new painting  
operations in Facility 104. ....IV-50

IV-34. The TT-1 Pinto in flight.....IV-51

IV-35. The F8U Crusader.....IV-52

IV-36. Crusader jet aircraft outside Facility 15 and west of Hensley field at NAS Dallas. ....	IV-53
IV-37. John H. Glenn in his record-setting F80-IP Crusader on July 17, 1957 .....	IV-53
IV-38. Regulus II.....	IV-54
IV-39. LTV offices, Facility 2, following the merger in 1962.....	IV-57
IV-40. A-7A aircraft aboard <i>USS America</i> .....	IV-61
IV-41. The A-7 Corsair II.....	IV-62
IV-42. Line shelters constructed in the eastern portion of NWIRP Dallas during the Viet Nam War. ....	IV-64
IV-43. The city of Grand Prairie during the 1970s. ....	IV-65
IV-44. Aerial view of NWIRP Dallas, 1991.....	IV-69
IV-45. Aerial view of NWIRP Dallas, 1991.....	IV-69
V-1. Facility 1, Manufacturing Building, .....	V-1
V-2. Facility 2, Office Building. ....	V-5
V-3. Facility 3 Historic Facility 2.....	V-6
V-4. Facility 3 Maintenance Lean-To.....	V-7
V-5. Facility 4 Maintenance Lean-To.....	V-9
V-6. Facility 5 Maintenance Lean-To.....	V-11
V-7. Facility 6 Manufacturing Building .....	V-13
V-8. Historic photograph of interior of Facility 6 .....	V-15
V-9. Facility 7 Office Building.....	V-17
V-10. Facility 10 Overpass Connection.....	V-19
V-11. Facility 11 Cafeteria.....	V-21
V-12. Facility 12 General Storage Shed.....	V-23
V-13. Facility 15 Flight Tower .....	V-25
V-14. Facility 16 Hangar .....	V-27
V-15. Facility 20 Bond Shop .....	V-29
V-16. Facility 21 Manufacturing Building .....	V-31
V-17. Facility 22 Drop Hammer Building.....	V-33
V-18. Historic photograph of Facility 22 interior.....	V-34
V-19. Facility 23 Tooling Building.....	V-35
V-20. Facility 24 Warehouse .....	V-37
V-21. Facility 25 Warehouse .....	V-39
V-22. Historic photograph of Facility 25 interior.....	V-40
V-23. Facility 26 Powerhouse.....	V-41
V-24. Facility 27 Maintenance and Garage.....	V-43
V-25. Historic photograph of Facility 27 interior.....	V-44
V-26. Facility 30 Paint Storage Building.....	V-45
V-27. Facility 31 Maintenance-West Building .....	V-47
V-28. Facility 32 Container Fabrication .....	V-49
V-29. Facility 37 TV Gate .....	V-51
V-30. Facility 38 Turnstile Gate .....	V-53
V-31. Facility 45 Cooling Tower.....	V-55
V-32. Facility 46 Lumber Shed .....	V-56
V-33. Facility 47 Storage Shed.....	V-57

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

V-34. Facility 48 Storage Shed.....V-58  
V-35. Facility 49 Engineering Building .....V-59  
V-36. Facility 55 Sewage Lift Station.....V-61  
V-37. Facility 56 Cylinder Storage.....V-62  
V-38. Facility 59 Guardhouse.....V-63  
V-39. Facility 63 Guardhouse Gate 16.....V-65  
V-40. Facility 64 Guardhouse Gate 17.....V-67  
V-41. Facility 68 Guardhouse.....V-69  
V-42. Facility 70 Guardhouse Gate 42.....V-71  
V-43. Facility 71 Guardhouse.....V-73  
V-44. Facility 76 Hangar .....V-75  
V-45. Facility 84 Warehouse .....V-78  
V-46. Facility 86 Switchboard House.....V-80  
V-47. Facility W 1 Well 1.....V-81

**LIST OF TABLES**

IV-1. Dollar Value of DPC Authorizations by Sponsoring Agency .....IV-6  
IV-2. Twenty-five Leading Companies Operating DPC Facilities during World War II ....IV-8  
IV-3. DPC Financing of Defense War Facilities by Product Type .....IV-9  
IV-4. 1940–1943 Plant “A” & Plant “B” Construction Types.....IV-15  
IV-5. Contractors and Subcontractors for Plant “A” Construction at Plancor #25 .....IV-17  
IV-6. Construction Costs for Plancor #25 .....IV-23  
IV-7. Contractors and Subcontractors for Plant “B” Construction at Plancor #25.....IV-24  
IV-8. DPC Plants and Projects Distributed by States .....IV-32  
IV-9. LTV Manufacturing Programs During Vietnam War Period.....IV-60  
IV-10. Combined Summary of Improvements at NWIRP Dallas, 1947–1965 .....IV-63  
IV-11. Contractor-Funded Leasehold Improvements at NWIRP Dallas.....IV-66