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Organizational & Management Planning Project Files

TFX Files. See attached inventory.

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RECORDS

FILE SAFE #222

Drawer #1

Box # 1 "Stenographic Transcript of Hearings, Permanent Subcommittee  
26 Feb - on Investigations of the Committee on Government Operations,  
12 Mar 63 United States Senate: 'TFX Contract and Procurement'"

Box # 2 Volumes 1 through 10, dated 26 Feb 63 through 28 Mar 63  
13 Mar -  
5 Apr 63

Drawer #2

Box # 3 "Stenographic Transcript of Hearings, Permanent Subcommittee  
10 Apr - on Investigations of the Committee on Government Operations,  
22 May 63 United States Senate: 'TFX Contract and Procurement'"

Volumes 11 through 21, dated 2 Apr 63 through 23 May 63

Box # 4  
23 May -  
1 Jul 63

Drawer #3

Box # 5 "Stenographic Transcript of Hearings, Permanent Subcommittee  
11 Jul - on Investigations of the Committee on Government Operations,  
25 Jul 63 United States Senate: 'TFX Contract and Procurement'"

Volumes 22 through 29, dated 6 Jun 63 through 17 Jul 63

Drawer #4

Box # 6 "Stenographic Transcript of Hearings, Permanent Subcommittee  
26 Jul - on Investigations of the Committee on Government Operations,  
7 Aug 63 United States Senate: 'TFX Contract and Procurement'"

Volumes 30 through 39, dated 18 Jul 63 through 8 Aug 63

FILE SAFE # 2822

Drawer #1

Box # 7  
8 Aug -  
18 Nov 63

"Stenographic Transcript of Hearings, Permanent Subcommittee on Investigations of the Committee on Government Operations, United States Senate: 'TFX Contract and Procurement'"

Volumes 40 through 44, dated 15 August 63 through 21 Aug 63

Drawer #2

Misc Papers  
Folder # 1

Box # 8

"Secretary McNamara's Statement"  
"Footnotes to Secretary McNamara's Statement"  
"General Ruegg's Statement"  
"General LeMay's Statement"  
"Admiral Anderson's Statement"  
"Announcement of McClellan Committee TFX Investigation"  
"Committee Members (Short Biographical Sketches)"  
"Committee Staff (Short Biographical Sketches)"  
"McClellan's 21 Dec 62 Ltr, Gilpatric's Reply of 26 Dec 62, Gen Roderick's Ltr of 27 Dec 62"  
"Zuckert's Ltrs of 2 Mar 63 to McClellan"  
"McNamara's Ltr of 9 Mar 63 to McClellan"  
"Sylvester Ltr of 11 Mar 63 to McClellan"  
"McClellan Statement of 13 Mar 63"  
"Committee Press Releases re: Interviews"  
"Interviews Conducted by the Committee (names of interviewees, dates; times; etc.)"  
"The Committee's 'Position' on the TFX"  
"Selected Reports on Committee Interviews"  
"The Committee's Fragmentary Approach"  
"1. Air Scoops, Air Ducts, Induction System"  
"2. Boeing's tendency over the four Evaluations to submit more technically risky trade-offs to achieve operational characteristics surpassing stated requirements."  
"3. Civilian - Military Participation in the TFX Decision"  
"4. Commonalty"  
"5. Commonalty (foundation of low cost and high dependability; effect of interchangeability on production (tooling) and operational costs)"  
"6. Development and Production Schedules"  
"7. Engines for TFX (GE versus P&W)"  
"8. Ferry Range"  
"9. General Dynamics' final Proposal: Advantages of least expensive, time-consuming R&D effort; least reliance upon unknown processes and materials; earliest delivery to fighting forces; highest level of production experience with fighter type aircraft; greatest use of proven design techniques and methods;

Misc Papers  
Folder # 2

Box # 8

FILE SAFE #2822 (continued)

Drawer #2 (continued)

most understanding of requirements and difficulties in developing, testing, tooling, and producing a fighter-type aircraft. "

"10. General Dynamics/Grumman TFX Research and Development Contract Award"

"11. Inconsistencies (apparent) in the Air Council/DCNO(Air) Letter of 8 November 1963"

"12. Inconsistencies (alleged) between the 21 Nov 62 Memo for the Record and SECDEF statement of 13 Mar 63."

"13. One Billion Dollars Savings in a Common TFX"

"14. Operational Characteristics of Boeing versus GD/G Designs"

"15. Political Pressure in the TFX Award"

"16. 'Prime-Type' Contracts - in Fourth Evaluation"

"17. Percentage Issue of Contract Costs over Original Estimates"

"18. Reliability"

"19. Requirements for TFX: Original AF and Navy; how combined and how modified; final requirements; comparison of final to combined requirements."

"20. Significance of Edge on Supersonic Dash"

"21. Source Selection Procedures and the 18 months Consumed in the TFX Award"

"22. Source versus Design Selection (Air Force vis-a-vis Navy)."

"23. Stack's Testimony: Analysis of"

"24. Technical Development Problems in the TFX" "#24 Annex to"

"25. TFX Operational Characteristics versus Those of the F-4C"

"26. TFX Scores: Raw and Weighted"

"27. Thrust Reversers"

"28. Thrust Reversers: Possible GD/G Use of"

"29. Titanium"

"30. Types of Contracts"

"31. Weapons Capabilities of B and GD/G aircraft under alternative typical missions."

"32. Navy AMCS"

"33. How Design Philosophy Affects Dependability and Cost"

Misc Papers  
Folder # 2



Box # 8

Misc Papers  
Folder # 3



Box # 8

Drawer #3

"Cost"

"1. The Air Force Estimates"

"2. Review of Financial 'Errors' in Statement of Senator McClellan"

"3. Air Force Adjustments (Raw proposal to adjusted proposal)"

"4. Cost Differences (\$91.2 million, \$415.5 million, \$100.2 million)"

"5. Letter Contract Costs (524.079 million)"

"6. Committee Charts, Exhibits 34 and 35"

FILE SAFE #2822 (continued)

Drawer #3 (continued)

- "7. Cost Comparison for the Four Evaluations"
- "8. Improvements in Cost Estimates"
- "9. Comparison of Prior Aircraft with Contractors' Proposals"
- "10. One Billion Dollar Savings"
- "1. Overall TFX Chronology"
- "2. DDR&E (York) Memo to military department Secretaries, subj: 'Air Force TFX Program' of 14 Feb 61"
- "3. SECDEF Memo to military department Secretaries of 7 Jun 61"
- "4. Navy (Fay) memo to SECDEF subj: 'TFX' of 22 Aug 61"
- "5. Air Force (Zuckert) memo to SECDEF, Subj: 'TFX' of 22 Aug 61"
- "6. SECDEF memo to SECNAV and SECAF, subj: 'TFX' of 1 Sep 61"
- "8. AFSC (Schriever), TAC (Sweeney), and BUWEPS (Stroop) comments on 19 Jan SSB ltr"
- "11. SSB letter to AFSC, TAC, AFLC, and BUWEPS subj: 'Recommended Source for WS 324A (TFX/F-111)' of 14 May 62"
- "12. BUWEPS (Stroop) comments on 14 May SSB ltr"
- "13. AF Council (with Naval participation) letter to CSAF and CNO Subj: 'Recommended Source for WS324A (TFX/F-111),' of 24 May 62"
- "14. AF (Zuckert) and Navy (Korth) memo to SECDEF subj: 'Source Selection F-111A (TFX)' of 1 Jun 62"
- "15. SECDEF memo to SECNAV and SECAF, subj: 'TFX Source Selection' of 9 Jun 62"
- "16. SSB ltr to AFSC, TAC, AFLC and BUWEPS, subj: 'WS324A (TFX/F-111) Source Selection' of 20 Jun 62"
- "17. AFSC (Schriever) and BUWEPS (Stroop) comments on 20 Jun SSB ltr"
- "18. AF Council (with Naval participation) ltr to CSAF and CNO, subj: 'Recommended Source for WS 324A(TFX/F-111)' of 21 Jun 62"
- "19. SECAF memo to Chairman, SSB, of 29 Jun 62"
- "20. SECDEF (Gilpatric) ltr to Presidents of Boeing (Allen), General Dynamics (Lewis), and Grumman (Towl) of 13 Jul 62"
- "21. FOURTH EVALUATION REPORT 'SUMMARY' (Includes 'Conclusions' of 4th Evaluation Report)"
- "23. Navy 'Briefing' on the 4th Evaluation (note: last briefing chart)"
- "24. SSB letter to AFSC, TAC, AFLC, and BUWEPS, subj: 'WS324A (TFX/F-111) Source Selection' of 2 Nov 62"
- "25. AFSC (Schriever), TAC (Sweeney), AFLC (Bradley) and BUWEPS (Masterson) comments on 2 Nov SSB letter"
- "27. Memo for Record signed by Secretaries Zuckert and Korth (and approved by Secy McNamara) of 21 Nov 62"
- "28. Boeing (Allen) ltr of 7 Dec 62 to SECDEF and record of telecon reply by SECDEF (Gilpatric) of 11 Dec 62 noted on last page"
- "30. SECAF (Zuckert) ltr of 2 Mar 63 to Senator McClellan correcting 21 Nov memo for the Record"
- "31. SECDEF ltr to Senator McClellan of 9 Mar 63"

Misc Papers  
Folder # 3 ↔

Box # 8

Misc Papers  
Folder # 4 ↔

Box # 8

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FILE SAFE #2822 (continued)

Drawer #3 (continued)

"32. Senator McClellan's press release of 13 Mar 63 on SECDEF's statement of 13 Mar 63"

"33. Special charts on the 4th Evaluation Report prepared for McClellan Committee per Senator Javits' request and submitted on 26 Mar 63."

"34. Requirements and Technical Risk"

INTERVIEWS

"1. Mr. McNamara"

"2. Mr. Gilpatric"

"3. Mr. Korth"

"3a. Dr. Wakelin"

"4. Mr. Zuckert"

"4a. Mr. Imirie"

"4b. Dr. McMillan"

"5. Dr. Brown"

"6. Admiral Anderson"

"7. General LeMay"

"7a. General McKee"

"8. General Schriever"

"9. Maj. Gen. Ruegg"

"10. R/Adm. Ashworth"

"11. Brig. Gen. A.T. Culbertson"

"12. Maj. Gen. J.H. Moore"

"13. Colonel Gayle"

"14. Colonel Gregory"

"15. Captain Shepherd"

"16. Larry Trenary"

"17. Mr. Robert E. Koepf"

"18. Colonel George Could"

"19. Mr. Earl Crawford"

"20. Captain J.R. Slay"

"21. Mr. Irving Winnegrad, Mr. S.K. Naughton, and Mr. Koepf"

"Other Interviews"

"1. Civilian/Military Differences"

"2. Contract Overruns: Examples of"

"3. Contract Overrun: The Sugar Grove "BIG DISH""

"4. Contract Overrun: The ADVENT Program"

"5. Management Experience of DoD with Boeing"

"6. Management Experience of DoD with Grumman"

"6a. The effect of the Differing Background and Experience of GD/G and B on the TFX"

"7. DoD Organizational and Management Arrangements for the TFX"

"8. DoD TFX Press Releases"

Misc Papers

Folder # 4

Box # 8

Misc Papers

Folder # 5

Box # 8

FILE SAFE #2822 (continued)

Drawer #3 (continued)

- "9. F-4C (F-110)(Navy: F-4H): Air Force History of"
- "10. F-105: Air Force Experience with"
- "11. Fortune Article by Smith with AF guidance to WPAFB"
- "12. FY64 Budget Review and Decision Process"
- "13. General Dynamics Organization"
- "14. Transcript of "Meet the Press" Sunday, Mar 10, 1963(Gilpatric)"
- "15. Missile Operational Reliability: Examples of ATLAS and POLARIS A-1"
- "16. Nuclear Frigate: Cancellation of"
- "17. Operational Readiness Status of Army, Navy and Air Force Aircraft and comments of the Secretary of the Navy thereon"
- "18. Pearson, Drew, Article on TFX Contract Award"
- "19. Previous Congressional Testimony of Secretaries McNamara, Zuckert and Korth on TFX"
- "20. Requirements Imbalance: \$24 billion"
- "21. Scoring Procedures in Contract Awards"
- "22. Source Selection Board Procedures: Air Force"
- "23. Surplus Aircraft Parts: Air Force, Navy and Army"
- "An Analysis of the TFX Investigation"

Misc Papers  
Folder # 5

Box # 8

Drawer #4

- "Cost Estimates as Predictors of Actual Weapon Costs: A Study of Major Hardware Articles" USAF Project Rand memo dated Apr 62.
- "On the Accuracy of Cost Estimates -- A Summary of the Background Data" Rand Document dated 3 Feb 60.
- "Air Force Pamphlet 70-1-3 'Air Force Guide for Pricing' 18 Sep 62"
- "AFSC Management Conference Proceedings"
- "The Role of Prototypes in Development"
- "TFX Development since September 1962" Grumman
- "AFSC TFX System Package Plan" dated March 1962
- "The B-58 Mach Two Strategic Bomber Program Review" dtd 2 Nov 62
- "Operational Capability comparison" Boeing
- "TFX Improvements over Existing Craft" General Dynamics
- "Production Cost Data: TFX" General Dynamics
- "General Dynamics TFX Presentation"
- "MAT-12-003 10 Sep 62: TFX Proposal"
- "An Analysis of The Weapon System Management Concept" Jan 61
- "TFX Presentation to Mr. Blackburn and Party" General Dynamics
- "F-111A/F-111B Commonalty" 22 Jan 63 General Dynamics
- "F-111A Armament and Avionics" General Dynamics
- "House Armed Services Committee Posture Hearings"
- "B-58"
- "L/Col Grover Coe-Posture Papers (Worksheets)"

Box # 8

Box # 9

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FILE SAFE #2822 (continued)

Drawer #4 (continued)

Box # 9 ⇌

- "TFX Docket File"
- "Senate Permanent Subcommittee on Investigations": "Synopsis of TFX Testimony 1963"
- "McGiffert - Working Papers"
- "Source Selection - McGiffert"
- "Misc Correspondence - 6Nov 62 - 8 Apr 63."
- "TFX Hearings"
- "Complete set of charts"
- "Map"
- "Documents and Interviews"

Drawer #5

Box # 10 ⇌

- "Miscellaneous - Black"
- "Vol IV - Miscellaneous"
- "Vol III - Talking Papers"
- "Vol II - Talking Papers"
- "Vol I - Miscellaneous"
- "Vol IV - Talking Papers"
- "Source Selection Analysis"
- "Vol I -- Documents"
- "Vol V -- Documents"
- "Vol II - Interviews"
- "Hearings before a Subcommittee of the Committee on Appropriations House of Representatives ---DOD Appropriations for 1964 Part 2"



FILE SAFE #3160

Box # 10 → { Drawer #1  
"F-111 Program Cost Proposal; 23 Weapon Systems; Research,  
Design, Test, and Evaluation" dated 1 Nov 63 General Dynamics

Box # 11 ↔ { Drawer #2  
"#1"  
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"#22"  
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"#25"  
"#26"  
"#27"  
"Blackburn"  
"GAO"  
"TFX - Statements, Clippings, etc"  
"TFX - Miscellaneous"  
"TFX Committee Correspondence - Jan 64 thru"  
"TFX Committee Correspondence - Dec 62 thru Dec 63"  
"Interviews - TFX" (See Attached Index)  
"TFX - Memos for Record - by DEM" (See Attached Index)  
"TFX Working File" (See Attached Index)  
"TFX working papers"  
"SEQUOIA - McGiffert's"

David E. McGiffert's Files  
Assistant to the Secretary  
Legislative Affairs

See Attached  
Index - . . .

See Attached  
Index

Box # 12 ↔

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FILE SAFE #3160 (continued)

Drawer #3

Box #12 ↔

"Follow-Up Papers"

"Contract Changes"

"Price Negotiation Memorandum; 25 Mar 64 - prepared by  
Pricing Division (ASKP) Procurement and Production Office  
Aeronautical Systems Division"

"Incentive Exhibit 9 May 62 revised 30 Apr 64"

"13 Jul 64 - Contract AF33(657) - 8260 F-111 Weapon System  
Submittal of Firm Estimate"

"General Dynamics - Engineering Statement of Work for PSA 5-63-25"

"General Dynamics - GFAE Requirements List"

"General Dynamics - Fuel System Test Stand"

"General Dynamics - Quality Control Specification for F-111A/B"

"F-111 Contract Specification - Maintainability"

"GD - F-111 Contract Specification - Development Test Program"

"GD - F-111 Contract Specification - Quality Assurance Requirements"

"GD - Operational Support Specification TFX"

"GD - Crew Station Subsystem"

"GD - Penetration Aids Subsystem"

"GD - Development of PMS Radome"

"GD - Armament Subsystem Specification"

"GD - Fire Power Control Subsystem Specification"

"GD - True Airspeed Indicator"

"GD - Flight Control Subsystem"

Box 13 ↔

"GD - Airframe Subsystem Performance Specification"

"GD - Static Tests At GD/FW"

"GD - Mock-up Task Change"

"GD - TFX Category II and III And Navy BIS Trials Flight Test"

"GD - Fin and Rudder Test Deletion of"

"GD - Deletion of F-111 Reconnaissance Task"

"GD - Drop Tests at GD/FW"

"GD - F-111 Contract Specification - Weapon System Mock-up"

"GD - Revisions"

"GD - Revisions con't"

"GD - F-111 Contract Specifications - Air Vehicle"

"GD - F-111 Contract Specification - Test And Demonstration"

"GD - F-111 Contract Specification - Propulsion Subsystem"

"GD - Personnel Subsystem - Personnel Training - Navy"

"GD - F-111 Contract Specification - Production"

"GD - F-111 Contract Specification - Qualitative and Quantitative  
Personnel Requirements Information"

"GD - F-111 Contract Specification - Human Engineering and  
Life Support"

"GD - F-111 Contract Specification - Personnel Equipment Data"

"GD - Engineering Qualification Approval Procedures (EQAP) List  
and Qualification Status"

FILE SAFE #3160 (continued)

Drawer #3 (continued)

"USAF - General Dynamics Corporation Letter Contract dated 1 Feb 62"  
"GD - F-111 Make or Buy Program" 1962  
"GD - F-111 Make or Buy Program 1964"  
"GD - F-111 Contract Specification - Data Requirements Document"  
"GD - F-111 Contract Specification - Maintainability"  
"GD - Priced Tasks"  
"GD - Unpriced Tasks"  
"GD - F-111 Delivery Schedules"  
"GD - Supplemental Agreement to Fixed Price Basic Agreement"  
"GD - USAF Fixed Price Basic Agreement"  
"GD - Presentation on Flight Control System - Revised"  
"USAF - General Dynamics Problem Areas"  
"ASD (ASLK) Exhibit 63-ASL-K1"  
"Supplies and Services to be provided by the Government Wind Tunnel  
Facilities and Air Force/Navy Bases"  
"GD - F-111 Contract Specification - Configuration Management"  
"GD - Pert Time and Cost System"  
"GD - USAF Contract Change Notifications"  
"USAF - USN F-111 Weapon System -- Roll - Out Oct 15, 1964"  
"GD - F-111 Contract Specification - Flight Article Acceptance"  
"GD - F-111 Contract Specification - Age Cycle Plan"  
"GD - F-111 Contract Specification - Packaging and Transportability"  
"GD - F-111 Contract Specification - Training Equipment Planning  
and Development"  
"GD - F-111 Contract Specification - Personnel Subsystem"  
"GD - F-111 Contract Specification - Technical Publications"  
"GD - F-111 Contract Specification - Airframe Subsystem"  
"GD - F-111 Contract Specification - Aerospace Ground Equipment Reqs"  
"GD - F-111 Contract Specification - Field Engineering and Maintenance"  
"GD - F-111 Contract Specification - Augmented Support"  
"GD - F-111 Contract Specification - PSTE"  
"GD - Contractor Demonstration Flight Test"  
"GD - F-111 Contract Specification - Category I Flight Test"  
"GD - F-111 Contract Specification - Reliability"  
"GD - F-111 Contract Specification - Qualification and Certification  
Test Program"  
"GD - F-111 Contract Specification - Weapon System Performance"

Box # 13 ←

Drawer #4 ----- EMPTY

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