

**OSA  
HISTORY**

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U - 2

PROGRAM

"AQUATONE"

"CHALICE"

"IDEALIST"

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I. OriginA. Technological CapabilitiesPanel (Land Panel)1. 1954

- a. Conducted Study to determine means of providing early warning of Soviet intentions.

2. 5 November 1954

- a. Submitted to CIA a proposal for Photo-Recon flights over USSR.

B. Agreements1. CIA-USAF-19 November 1954

- a. Verbal agreement to pursue Project jointly

2. Project "OILSTONE"

- a. Agreement signed on 2 August 1954 by Mr. Allen Dulles and General Nathan Twining confirming 19 November agreement.

3. White House

- a. On 24 November 54, President Eisenhower approved Project subject to Sec-Def "Final Look"
- b. Gen. Cabell, DDCI, recorded event for agency.

C. Project Staff1. Program Management

- a. Subsequent to White House approval, Mr. Allen Dulles appointed <sup>1</sup>Mr. R. M. Bissell, Sr., as Director, U-2 Program.
- b. <sup>2</sup>Mr. H. I. Miller was appointed to assist Mr. Bissell.

<sup>1</sup>Mr. Richard Bissell - Special Assistant to the Director for Planning & Coordination

<sup>2</sup>Mr. Herbert Miller - Nuclear Energy Division

**TOP SECRET****2. Milestones**

- a. First project staff meeting - 11 December 1954
- b. Project outline completed on 7 January 55 & approved by Director on 10 January 55.
- c. First Project T/O was approved on 28 April 55.

**3. Deputy Project Directors**

- a. Col. O. J. Ritland - USAF  
1 Sept 55 -to- 1 April 56
- b. Col. J. A. Gibbs - USAF  
1 April 56 -to- 1 June 58
- c. Col. Wm Burke - USAF  
Appointed - 1 June 58

**4. Organization Evolution**

- a. April 1958, Project Staff re-designated - Development Projects Staff (DPS)
- b. April 1958, Mr. Bissell's title changed to Asst. to the Director for Planning & Development
- c. On 1 January 1959 - Mr. Bissell appointed DD/P to succeed Mr. Frank Wisner
- d. 18 February 1959 - DPS renamed Development Projects Division (DPD) and assigned under the DD/P

**II. Events of International Interest****A. Gary Powers Incident - May 1960****1. Resulted in:**

- a. Cancellation of Paris Summit Conference
- b. Termination of U-2 overflights of Soviet Union

**B. Bay of Pigs - Culminated - 18/19 April 1961****1. DPD Input:**

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**2. WH Division was in control of Project****TOP SECRET**

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AIR

BRANCH

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I. Amalgamation Into DPD

A. Phase I

1. April 1959

a. Air planning in EE Division & the control of the European Air Detachment were assimilated.

B. Phase II

1. July 1959

a. Air planning in the FE Division & the FE Air Detachment were transferred.

C. Phase III

1. October 1959

a. European Air Detachment moved to Eglin AFB under DPD control.

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OX CART

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I. Origin

A. Project "GUSTO" - 1958

1. Feasibility study looking toward a successor aircraft to the U-2.

B. Advanced Aircraft Proposals - 1959

1. Scientific Panel, which included representatives from the Agency & DOD, studied proposals submitted by Lockheed & Convair Division of General Dynamics.

C. Project "OXCART"

1. Decision made (w/President's approval) to proceed with the Lockheed Vehicle - August 1959.
2. Approved by Mr. Allen Dulles for CI on 19 October 1959, "Subject to Availability of Funds".



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CORONA

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CORONA

RECONNAISSANCE PROGRAM

Initiation: March, 1958

Management: Joint - Advanced Research Projects Agency & CIA -  
Support furnished by Air Force

Functions:

- a. CIA (Project Hqs)
  - 1. Development of Recon Equipt (Payload)
  - 2. Security
  - 3. Cover
  - 4. Covert Procurement
  
- b. A.F.
  - 1. Overt Procurement
    - Booster
    - AGENA - 2nd Stage
    - Control Networks
    - Launch Facilities
    - Basic Recovery Vehicle Dev.

Cover - DISCOVERER

Significant Milestones

- a. February - 1959 - Inert Thor - Agena Launched
- b. June - 1959 - First Camera Flown but did not orbit
- c. November - 1959 - ARPA Responsibility transferred to AF under Direction of Sec Def
- d. August - 1960 - First successful recovery from orbit of payload
- e. December 31, 1965 - Project Transferred to OSP

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DD/S&T

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I. Origin

A. Research Directorate

1. Established - 19 February 1962
  - a. Mr. Herbert Scoville, Jr.  
appointed DD/R
  - b. Mr. Scoville resigned - 15 June 63

II. Subsequent Events

A. Science & Technology Directorate

1. Established - 5 August 1963
  - a. Dr. Albert D. Wheelon appointed  
DD/S&T replacing Col. Edward B. Giller -  
Acting DD/R.
2. Dr. Wheelon resignation - 26 September 1966
3. Mr. Carl Duckett appointed Acting DD/S&T  
on 26 September 66.

OXC - 0056

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19 October 1959

OXCART

PROGRAM APPROVAL

REFERENCE: Project GUSTO Program Approvals  
DPD FY-1960 Budget

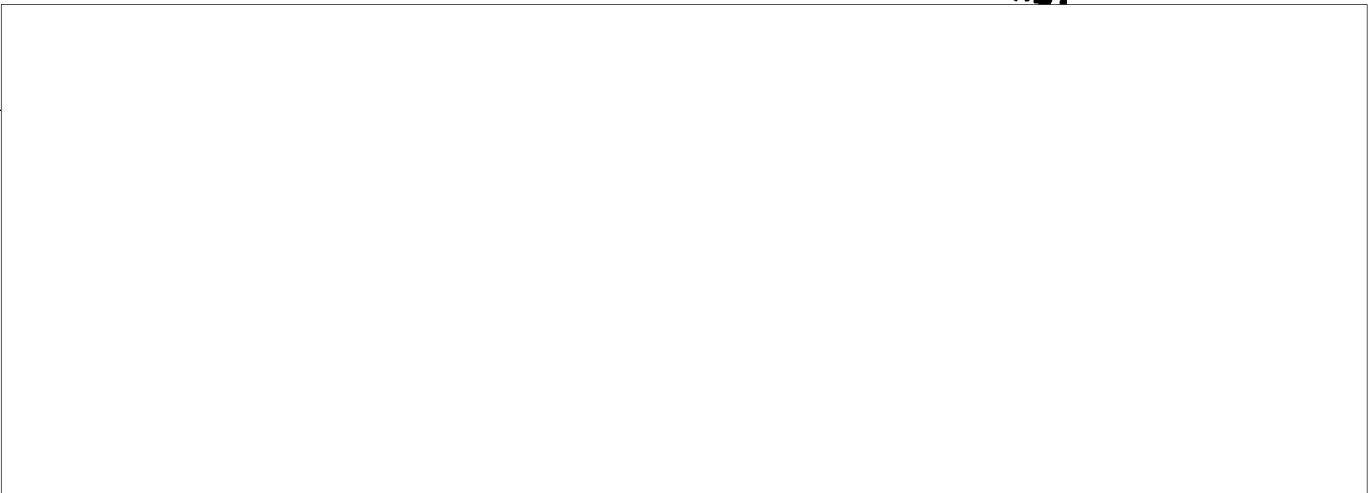
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1. PURPOSE: To develop and produce a follow-on aircraft and reconnaissance system to replace the CHALICE program. This program is called OXCART.

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CONCUR:

[Redacted Signature]

*for* WILLIAM BURKE *xx*  
Colonel, USAF  
Acting Chief, DPD

19 Oct 1959  
Date

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151  
JOHN PARANGOSKY  
Deputy Chief, Developments Branch  
DPD-DD/P

19 Oct. 1959  
Date

APPROVED OR RECOMMENDED FOR APPROVAL  
(Approving officer strike out one)

151  
RICHARD M. BISSELL, JR.  
Deputy Director  
(Plans)

27 Dec. 1959  
Date

151  
ALLEN W. DULLES  
Director

7 Dec. 1959  
Date

8. CONDITIONS OF APPROVAL:

"Subject to availability of funds. /s/A.W.D."

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Attachment: Recapitulation of OXCART Funding

DPD-DD/P:JOHN PARANGOSKY:jei

Distribution:

- Orig & 1 - Contracts/DPD w/att
- 1 - A/Ch/DPD w/att
- 1 - DD/P w/att
- 1 - Finance/DPD w/att
- 1 - Admin/DPD w/att
- 1 - Logs/DPD w/att
- 2 - Ch/DS-DPD w/att
- 1 - RI/DPD w/att

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ORGANIZATION

TS-142557/D

/ 2 August 1955

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"ORGANIZATION AND DELINEATION OF RESPONSIBILITIES PROJECT OILSTONE"

"1. General direction and control of the Project shall be exercised jointly by the Director of Central Intelligence and the Chief of Staff, USAF, subject to guidance from higher authority and coordination with other departments of the Government as appropriate. They shall furnish policy guidance to lower echelons, ensure the conformity of operations under this Project with national policy, and make recommendations to higher authority on matters transcending their own authority. Further, it shall be their joint responsibility to resolve differences that may arise at lower staff and operating levels.

"2. The following are the organizational elements which shall be responsible for the conduct of the Project:

a. There is in existence a Project Headquarters, headed by a CIA Project Director to which an Air Force Officer will be assigned to serve as Deputy Project Director. The Project Headquarters will establish operational units, stationed at bases overseas after the completion of training in the ZI. These operational units will be manned by USAF and CIA personnel in numbers, proportions and skills as agreed between the Project Director and the Air Force Project Officer.

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2.

b. All military personnel assigned for full-time duty to the project for duty under CIA direction on permanent status shall be carried on the rolls of a newly activated support squadron in accordance with current procedures. The Air Force Deputy to the CIA Project Director will command this administrative squadron.

c. There will be established an Air Force Project Staff headed by a Project Officer who will act in the name of the Chief of Staff, USAF. The Project Staff will include selected officers designated by certain of the Deputy Chiefs of Staff to act as points of contact within their several offices.

d. The Commander, SAC, will form a new subordinate headquarters to be manned by him from resources available to him through which he will participate in the Project. He will also establish a support unit for each operational unit established by the Project Headquarters. Support units will be controlled by him through the commander of his subordinate headquarters and will perform support functions as required by the Project Headquarters and agreed by Commander, SAC, or the Chief of Staff USAF.

3. The functions and responsibilities of these elements will be as follows:

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a. The CIA Project Director and the Air Force Project Officer shall have primary responsibility for the development and execution of all activities concerning the Project within their own organizations; the resolution of differences that may arise at lower echelons; and the reporting of progress and the making of recommendations to their respective chiefs.

b. The Project Headquarters will be responsible for any continued research and development, operational planning, and the direction and control of operations in the final phase of the Project when overflights are being launched from bases overseas.

c. The Air Force Project Staff shall be responsible for implementing plans approved by the CIA Project Director and the Air Force Project Officer and arranging for Air Force support of Project Activities which can appropriately be furnished through staff channels or by commands other than SAC.

d. Commander, SAC, will be assigned primary responsibility for providing and coordinating Air Force support of the Project, including training, through the subordinate headquarters to be formed by him. Requirements for certain types of personnel and equipment not under his control will be stated to Headquarters, USAF (the Air Force Project Officer) and will be met from other resources.

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4. Activities under this Project fall into three phases. These overlap one another in time but may be distinguished on the basis of the kinds of activities involved in each. The following are the specific authorities and responsibilities of the several organizational elements in the successive phases of the Project.

a. The first phase, now well advanced, is that in which the major activities are research and development, procurement, the construction and activation of a test and training base, the testing of equipment, and operational planning. The Project Director shall have control of these activities including the planning and recruiting of personnel under his control. The Air Force will furnish necessary support which will be a matter for agreement between the Project Director and the Project Officer. Full and complete coordination of all Air Force elements during this phase is essential.

b. The second phase will be devoted to training, the shakedown of equipment, and deployment overseas. These activities will be carried on mainly at the test and training base. Commander, SAC, through his subordinate headquarters, will (1) direct and supervise the training of operational units, (2) provide and coordinate Air Force support of the Project, and (3) arrange for the deployment of operational units overseas for the initiation of the final phase. In the light of these responsibilities

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Commander, SAC, will be kept fully informed of operational plans, through his subordinate headquarters. Phase II terminates with the decision that crews and equipment are operationally ready and in place at overseas bases. During Phase II the line of command on matters concerning the scale and character of training, Air Force support, and the mechanics of deployment shall be from the Chief of Staff, USAF, through the Commander SAC, and his subordinate headquarters.

c. The third phase will be that of active operations from overseas bases. This phase follows the decision ~~xxx~~ as to operational readiness. In this third phase, the final decision as to execution and timing of actual overflight missions shall rest with the Project Director, subject to such guidance as he may receive from higher authority. The line of command shall be direct between operational units and the Project Director. Each operational unit will continue to be dependent upon its corresponding SAC support unit.

APPROVED FOR USAF:  
N. F. Twining  
Aug 3, 1955

APPROVED FOR CIA:  
A. W. Dulles  
August 4, 1955

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v4 Nov. 54

Memo. for the Record:

The Intelligence project was discussed in the President's office this date. Attending were:

- The President
- " Secretary of State
- " " " Defense
- " " " the Air Force
- Mr. Allen Dulles, DCI
- Gen. Nathan Twining, A.F.
- Lt. Gen. Donald Pratt, A.F.
- " " C.P. Cabell, DDCI
- Brig " Goodposter, Aide to the Pres.

The project was approved subject to the reservation of the Secretary of Defense that a final look should be taken before the operation is actually launched, but after the material etc are procured and readied.

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