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HEADQUARTERS
AIR RESEARCH AND DEVELOPMENT COMMAND
Post Office Box 1395
Baltimore 3, Maryland

SDD No. 117L
17 August 1956

ARDC SYSTEM DEVELOPMENT DIRECTIVE
ADVANCED RECONNAISSANCE SYSTEM

1. ~~DIRECTED ACTION~~

Implementation, within the limits established by the following paragraphs of this directive, of System Development Plan No. WS 117L, dated 2 April 1956, title: "Advanced Reconnaissance System," is directed. (UNCL)

2. ASSIGNMENT OF RESPONSIBILITIES

a. Primary responsibility for the implementation and execution of this Development Plan is assigned to Headquarters ARDC, Western Development Division. (UNCL)

b. At the request of Western Development Division, and to the degree stipulated by that agency, the following Centers will be responsible for technical and/or test support, as appropriate, in the execution of the WS 117L Development Plan:

- (1) Air Force Cambridge Research Center.
- (2) Wright Air Development Center.
- (3) Rome Air Development Center.
- (4) Holloman Air Development Center.
- (5) Arnold Engineering Development Center.
- (6) Air Force Missile Test Center.
- (7) Air Force Personnel and Training Research Center.

(UNCL)

3. CHANGES

No specific changes to the WS 117L Development Plan, dated 2 April 1956, are directed. However, it is desirable that the Advanced Reconnaissance System be capable ultimately of meeting all operational and technical intelligence requirements for visual reconnaissance; thus necessary developments to improve the proposed visual sensor system to permit maximum ground resolution should be incorporated in the Development Plan, and such developments initiated as soon as possible in parallel with the WS 117L development program. (SECRET)

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4. PERTINENT INFORMATION

a. Target Date - As indicated in Top Secret Supplement to WS 117L Development Plan, dated 2 April 1956. (**SECRET**)

b. Funding Information - This system is being funded under line item 621-117L. (**UNCL**)

c. References -

(1) USAF General Operational Requirement No. 80 (SA-2c), 16 March 1955.

(2) ARDC System Requirement No. 5, 17 October 1955.

(3) USAF Development Directive No. 85, 3 August 1956.
(**UNCL**)

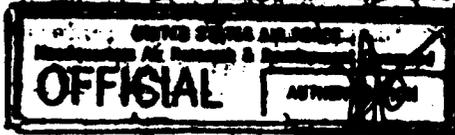
d. Other -

(1) Security - Maintenance of special security restrictions on information relating to development progress, system status, and planned operational capabilities is directed. A Master Security Classification Guide for WS 117L will be prepared, and a roster maintained of individuals whose position, as known to your organization, requires overall knowledge of the sensitive aspects of the WS 117L development program. An up-to-date copy of this roster will be submitted for retention at this Headquarters, Attn: RDEGM.

(2) Initial Funding - Severe limitations on FY 1957 funds available to this Command permit allocation of only \$3,000,000 to initiate development of WS 117L. As soon as possible, ARDC Form 111, "Research and Development Management Report," should be submitted to Headquarters ARDC, Attn: RDEXP, outlining significant changes to the WS 117L Development Plan which will result from this inadequate initial funding.

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BY ORDER OF THE COMMANDER:



JOHN A. CONNOR
Chief, Fiscal &
Documentation Branch
Executive Office
Deputy Comdr/
Weapon Systems

Don R. Ostrander
DON R. OSTRANDER
Brigadier General, USAF
Ass't for Guided Missiles Systems
Deputy Commander/Weapon Systems

This document is classified **SECRET** because it contains information on technological developments planned for the defense of the nation, the unauthorized disclosure of which would result in serious damage to the nation.

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HEADQUARTERS
AIR RESEARCH AND DEVELOPMENT COMMAND
Post Office Box 1395
Baltimore 3, Maryland

Amend. No. 1 to
SDD No. 117L
28 August 1956

AMENDMENT TO ARDC SYSTEM DEVELOPMENT DIRECTIVE
ADVANCED RECONNAISSANCE SYSTEM

1. AMENDMENT

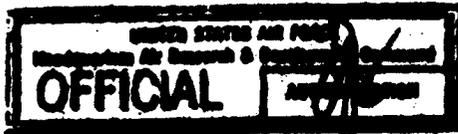
ARDC System Development Directive No. 117L, dated 17 August 1956,
is amended as follows:

a. Add to paragraph 4, as follows:

"e. Priority-Precedence -

The Advanced Reconnaissance System is currently assigned
a development priority of 1A, and USAF Precedence 1st
rating of I-6." (UNCLASSIFIED)

BY ORDER OF THE COMMANDER:



JOHN A. CONNOR
Chief, Fiscal & Documentation Branch
Executive Office
Deputy Commander/Weapon Systems

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