

UNCLASSIFIED  
CLASSIFICATION OF EQUIPMENT

ACTION COPY  
SECURITY INFORMATION

XQ-6 (30FS)

REQUEST FOR CLASSIFICATION OF MATERIEL-TYPE OR MODEL DESIGNATION

Security Classification:  
C

SECURITY INFORMATION

Date:  
16 September 1953

1. Name of Article Affected: (Suggested Nomenclature) 2. Procurement Specification and/or Drawing Number: None

DRONE, MEDIUM PERFORMANCE (XQ-6) **3. RECOMMENDATIONS**  
A. Item to Be Classified as: Development Type B. Item to Replace or Supplement: None  
C. Reclassification of Replaced or Supplemented Item to be: None D. Special Provisions Should Be Provided for the Training of Personnel in its Operation and Maintenance:  Yes  No

**4. PERTINENT INFORMATION** RDO  
A. Item Is a New Item:  Yes  No B. Present Classification: None C. Priority of Item Is: 1-B D. EXEC. Number Is:

E. Item Has Been Developed by Authority of Headquarters USAF To Meet Military Characteristics, Development Directives, Other Requirements as Follows:

F. Item Does Not Meet These Requirements in the Following Respect: Not known New Development

G. Material Used in Conjunction with Item and which Must be Modified are: Related New Items which Must Be Classified are: N/A H. Nature of Improvement of Item Over Existing Materiel: N/A

I. Strategic Materials and Quantity per Unit Required, Based on Current Lists Published by Strategic Materials Committee, ANMB Are: Not Known

K. Maximum Practicable Use of Non-Strategic Domestic Materials Has Been Accomplished: N/A  Yes  No

L. Development History, Purpose, Intended Use, Description, of this Item:  
Development of this vehicle has been directed by Hq ARDC. Applicable Military Characteristics are being revised to include requirements of the Departments of the Army and Navy. Drone is to be used for training personnel in fixed and flexible gunnery and for evaluation of fire control systems under development and test. It is anticipated that this drone will be powered with a supercharged reciprocating engine and be remotely controlled and recoverable by parachute.

DOWNGRADED AT 3 YEAR INTERVALS  
DECLASSIFIED AFTER 12 YEARS  
DOD DIR 5200.10

XQ-6 (2063)

~~CONFIDENTIAL~~ SECURITY INFORMATION

HEADQUARTERS

# Wright Air Development Center

WRIGHT-PATTERSON AIR FORCE BASE, OHIO

IN REPLY ADDRESS BOTH COMMUNICATION  
AND ENVELOPE TO COMMANDING GENERAL,  
WRIGHT AIR DEVELOPMENT CENTER,  
ATTENTION FOLLOWING OFFICE SYMBOL:

UNCLASSIFIED

13 October 1953

SUBJECT: (Unclassified) Aircraft, Drone XQ-6

TO: Commander  
Air Research and Development Command  
ATTN: RDDPA  
P. O. Box 1395  
Baltimore 3, Maryland

1. The inclosed (10) copies of MCLS Form 81A's covering subject Aircraft, categorized as A-1, are forwarded for approval of Model Designation only.
2. It is requested that approving signature be entered under caption, "Approving & Coordinating Signature" at the lower left hand corner of the form.
3. It is further requested that be notified by telephone of such approval.

FOR THE COMMANDER:

1 Incl  
MCLS Form 81A 16 Sep 53  
(10 cys)

IF INCLOSURE IS WITHDRAWN (OR NOT ATTACHED) THE  
CLASSIFICATION OF THIS CORRESPONDENCE WILL BE  
CONTROLLED IN ACCORDANCE WITH PAR. 244, AFR-205-1.

UNCLASSIFIED

~~CONFIDENTIAL~~

XQ-6 (TOP SECRET)

~~SECRET~~  
~~TOP SECRET~~  
**UNCLASSIFIED**

Hq WADC Subject: (UNCLASSIFIED) Aircraft, Drone XQ-6

(13 October 1953) 1st Ind 10 DEC 1953

HQ AIR RESEARCH AND DEVELOPMENT COMMAND, P.O. Box 1395, Baltimore 3, Md.

TO: Commander, Wright Air Development Center, ATTN: Wright-Patterson Air Force Base, Ohio

Inclosed is MCLS Form 81 indicating model designation approval of subject aircraft as Aircraft, Drone XQ-6 by Headquarters USAF on 24 November 1953.

BY ORDER OF THE COMMANDER:

1 Incl  
MCLS Form 81A 16 Sep 53  
(w/d 8 cys)

**UNCLASSIFIED**

IF ENCLOSURES ARE WITHHELD (OR NOT ATTACHED)  
THE CLASSIFICATION OF THIS CORRESPONDENCE  
WILL BE CANCELLED IN ACCORDANCE WITH  
PAR. 25E. AFR 205-1.

~~SECRET~~  
~~TOP SECRET~~  
SECURITY INFORMATION

15 1A1B1C (30F3)

**STATUS OF EQUIPMENT**  
**REQUEST FOR CLASSIFICATION OF MATERIEL TYPE OR MODEL DESIGNATION**

Security Classification: **CONFIDENTIAL**

Date:

23 December 1953

1. Name of Article Affected: (Suggested Nomenclature)

SEE BELOW

2. Procurement Specification and/or Drawing Number:

None

**3. RECOMMENDATIONS**

A. Item to Be Classified as: **MODEL DESIGNATION**

B. Item to Replace or Supplement:

Not applicable

C. Reclassification of Replaced or Supplemented Item to be:

Not applicable.

D. Special Provisions Should Be Provided for the Training of Personnel in its Operation and Maintenance:

Yes

No

**4. PERTINENT INFORMATION**

A. Item is a New Item:

Yes  No

B. Present Classification:

Standard

C. Priority of Item is:

1-A

D. E. O. Number is:

RDO

E. Item Has Been Developed by Authority of Hq Air Research and Development Command To Meet Military Characteristics Development Directives, Other Requirements as Follows

F. Item Does Not Meet These Requirements in the Following Respect: Requirements met

G. Material Used in Conjunction with Item and which Must be Modified are:

Related New Items which Must Be Classified are: Not applicable.

H. Nature of Improvement of Item Over Existing Material:

Not applicable.

I. Strategic Materials and Quantity per Unit Required, Based on Current Lists Published by Strategic Materials Committee, ANMS Are:

Not affected by this action

K. Maximum Practicable Use of Non-Strategic Domestic Materials Has Been Accomplished:

Yes

No

L. Development History, Purpose, Intended Use, Description, of this Item:

Currently this drone serves as a target for guided missile testing. In this role, production of these drones and their subsequent support in the field must be accomplished in the most expeditious manner to insure that sufficient drones are available to fulfill missile testing requirements. Both production and resupply of these drones have been seriously delayed and complicated by retention of the QB-17 designation. This designation, in recognition of the basic airframe, has resulted in a number of difficulties which have arisen from confusion of this drone with an unmodified aircraft. Since similar difficulties have been experienced during the production and operation of the QF-80, the mutual problems of both drones are proffered in substantiation of this request.

This form has been initiated to redesignate Aircraft, Drone QB-17G to Aircraft, Drone Q-7A, Q-7B and Q-7C

DOWNGRADED AT 3 YEAR INTERVALS  
 DECLASSIFIED AFTER 12 YEARS  
 DOD DIR 5200.10

**UNCLASSIFIED**

Q-7A/B/C

ZDF3

~~CONFIDENTIAL~~  
H E UNCLASSIFIED

# Wright Air Development Center

WRIGHT-PATTERSON AIR FORCE BASE, OHIO

IN REPLY ADDRESS BOTH COMMUNICATIONS  
AND ENVELOPE TO COMMANDING GENERAL,  
WRIGHT AIR DEVELOPMENT CENTER,  
ATTENTION FOLLOWING OFFICE SYMBOL:

11 February 1954

**SUBJECT:** (UNCLASSIFIED) AIRCRAFT, DRONE Q-7A, Q-7B and Q-7C

**TO:** Commander  
Air Research and Development Command  
ATTN: RDDPA  
Post Office Box 1395  
Baltimore 3, Maryland

1. The inclosed MOLS Form 81A's dated 23 December 1953, covering subject Aircraft, categorized as A-1, are forwarded for model designation approval only.
2. It is requested that approving signature be entered under caption, "Approving & Coordination Signatures" at the lower left hand corner of the forms.
3. Request telephone notification of approval.

FOR THE COMMANDER:

1 Incl  
MOLS Form 81A 23 Dec 53  
(10 cys, 6p ea)

IF INCLOSURES ARE WITHDRAWN (OR NOT ATTACHED),  
CLASSIFICATION OF THIS CORRESPONDENCE WILL BE C  
CELLED IN ACCORDANCE WITH PAR. 12E, AFR-205-1.  
262

~~CONFIDENTIAL~~

UNCLASSIFIED

~~CONFIDENTIAL~~ UNCLASSIFIED

Hq WADC Subject: (UNCLASSIFIED) Aircraft, Drone Q-7A, Q-7B and Q-7C

(11 February 1954) 1st Ind

HQ AIR RESEARCH AND DEVELOPMENT COMMAND, P.O. Box 1395, Baltimore 3, Md.

TO: Commander, Wright Air Development Center, ATTN:  
Patterson Air Force Base, Ohio

265 MAR 1954  
Wright-

Returned without action inasmuch as the model designation requested is not concurred in. Changing the designation only to simplify and expedite production and supply is not considered adequate justification under the circumstances in this case. Difficulties arising from production supply should be eliminated jointly by your Center and AMC.

BY ORDER OF THE COMMANDER:

1 Incl  
MCLS Fm 81A, 23 Dec 53  
(w/d 1 cy)

UNCLASSIFIED

If inclosures are withdrawn (or not attached) the classification of this correspondence will be cancelled in accordance with par 26G of AFR 295-1.

STATUS OF EQUIPMENT  
**UNCLASSIFIED**  
REQUEST FOR CLASSIFICATION OF SERIAL TYPE OR MODEL DESIGNATION

Security Classification: <del>CONFIDENTIAL</del>	<b>CONFIDENTIAL</b>	Date: 23 December 1953
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1. Name of Article Affected: (Suggested Nomenclature) SEE BELOW	2. Procurement Specification and/or Drawing Number: None
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3. RECOMMENDATIONS

A. Item to Be Classified as: <i>MODEL DESIGNATION</i>	B. Item to Replace or Supplement: Not applicable
C. Reclassification of Replaced or Supplemented Item to be: Not applicable	D. Special Provisions Should Be Provided for the Training of Personnel in its Operation and Maintenance: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

4. PERTINENT INFORMATION

A. Item is a New Item: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	B. Present Classification: Standard	C. Priority of Item is: 1-A	D. E. O. Number is: RDO
E. Item Has Been Developed by Authority of <i>Hq ARDC</i> Development Directive, Other Requirements as Follows:		To Meet Military Characteristics:	
F. Item Does Not Meet These Requirements in the Following Respect: <i>Requirements met</i>			
G. Material Used in Conjunction with Item and which Must be Modified are: Related New Items which Must Be Classified are: <i>Not applicable</i>	H. Nature of Improvement of Item Over Existing Material: <i>Not applicable</i>		
I. Strategic Materials and Quantity per Unit Required, Based on Current Data Published by Strategic Materials Committee, ANMS Are: <i>Not affected by this action</i>			
K. Mandatum Prescribable Use of Non-Strategic Domestic Materials Has Been Accomplished: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
L. Development History, Purpose, Intended Use, Description, of this Item:			

The current employment of this drone is as a target for guided missiles testing. Because of the urgent requirement for drones for this purpose, the production and supply of these drones must be simplified and expedited wherever possible to assure the maximum timely support to the missile programs. Production and supply of these drones are currently impeded by difficulties resulting from use of the QF-80 designation. These difficulties will be magnified as production is increased and additional drones are put into operation. The majority of these problems arise from confusion in distinguishing this drone from the unmodified aircraft. Another drone having designation problems in common with the QF-80 is the QB-17 drone. Therefore, in order that the importance of these difficulties may be fully appreciated, the joint problems of both drones are discussed.

This form has been initiated to redesignate Aircraft, Drone QF-80A to Aircraft, Drone Q-8A, Q-8B and Q-8C.

**UNCLASSIFIED**

~~CONFIDENTIAL~~

Q-BA/A/C

(204)

H E UNCLASSIFIED S

# Wright Air Development Center

WRIGHT-PATTERSON AIR FORCE BASE, OHIO

IN REPLY ADDRESS BOTH COMMUNICATIONS  
AND ENVELOPE TO COMMANDING GENERAL,  
WRIGHT AIR DEVELOPMENT CENTER,  
ATTENTION FOLLOWING OFFICE SYMBOL:

11 February 1954

SUBJECT: (UNCLASSIFIED) AIRCRAFT, DRONE Q-8A, Q-8B and Q-8C

TO: Commander  
Air Research and Development Command  
ATTN: RDDPA  
Post Office Box 1395  
Baltimore 3, Maryland

1. The inclosed MCLS Form 81A's dated 23 December 1953, covering subject Aircraft, categorized as A-1, are forwarded for model designation approval only.
2. It is requested that approving signature be entered under caption, "Approving & Coordination Signatures", at the lower left hand corner of the forms.
3. Request telephone notification of approval.

FOR THE COMMANDER:

1 Incl  
MCLS Form 81A 23 Dec 53  
(10 cys, 6 pages ea)

IF INCLOSURES ARE WITHDRAWN (OR NOT ATTACHED) TO  
CLASSIFICATION OF THIS CORRESPONDENCE WILL BE CAN-  
CELED IN ACCORDANCE WITH PAR. 125 APR-2053.  
ZLK

UNCLASSIFIED

~~CONFIDENTIAL~~



IP-4/A/C (10F3)

~~CONFIDENTIAL~~

UNCLASSIFIED

Hq WADC Subject: (UNCLASSIFIED) Aircraft, Drone Q-8A, Q-8B, and Q-8C

(11 February 1954) 1st Ind

HQ AIR RESEARCH AND DEVELOPMENT COMMAND, P.O. Box 1395, Baltimore 3, Md.

26 MAR 1954

TO: Commander, Wright Air Development Center, ATTN:  
Patterson Air Force Base, Ohio

Wright-

Returned without action inasmuch as the model designation requested is not concurred in. Changing the designation only to simplify and expedite production and supply is not considered adequate justification under the circumstances in this case. Difficulties arising from production supply should be eliminated jointly by your Center and AMC.

BY ORDER OF THE COMMANDER:

1 Incl  
MCLS Fm 81A, 23 Dec 53  
(w/d 1 cy)

UNCLASSIFIED

~~CONFIDENTIAL~~

If inclosures are withdrawn (or not attached) the classification of this correspondence will be cancelled in accordance with par 26G of AFR 205-1.

x 4      (3 DEF)

**UNCLASSIFIED**  
STATUS OF EQUIPMENT

REQUEST FOR CLASSIFICATION OF MATERIEL TYPE OR MODEL DESIGNATION COPY

SECURITY INFORMATION

ACTION COPY

Date:  
20 January 1954

1. Name of Article Affected: (Suggested Nomenclature)

SEE BELOW

2. Procurement Specification and/or Drawing Number:

**3. RECOMMENDATIONS**

A. Item to be Classified as:

Development

B. Item to be Replaced or Supplemented:

Mass gunnery drone; Q-2.

C. Reclassification of Replaced or Supplemented Item to be:

No change

D. Special Provisions Should be Provided for the Training of Personnel in the Operation and Maintenance:

Yes

No

**4. PERTINENT INFORMATION**

A. Item is a New Item:

Yes     No

B. Present Classification:

None

C. Priority of Item is:

1-B

D. E. O. Number is:

None assigned to date

E. Item Has Been Developed by Authority of: Headquarters, USAF

To Meet Military Characteristics:

Development Directives, Other Requirements as Follows:

F. Item Does Not Meet These Requirements in the Following Respect: Not known - in study phase

G. Material Used in Conjunction with Item and which Must be Modified are:

Related New Items which Must be Classified are:

H. Nature of Improvement of Item Over Existing Material:

Low cost

J. Strategic Materials and Quantity per Unit Required, Based on Current Lists Published by Strategic Materials Committee, ANMB Are:

K. Maximum Practicable Use of Non-Strategic Domestic Materials Has Been Accomplished:

Yes

No

L. Development History, Purpose, Intended Use, Description, of this Item:

The advent of the modern high performance fighter and bomber aircraft generated the need for a suitable target drone. The Q-2 drone target has been developed and will furnish the desired performance. However, the Q-2 production cost of approximately \$25,000 negates its use in an extensive mass gunnery training program. Preliminary studies indicate that it is feasible to build a short duration (5 to 10 minutes) drone having the same performance characteristics for a cost of approximately \$5,000. It is planned to initiate a development program based upon short duration, low cost requirements of the MC's to meet the above need.

~~CONFIDENTIAL~~  
**UNCLASSIFIED**  
HEADQUARTERS

# Wright Air Development Center

WRIGHT-PATTERSON AIR FORCE BASE, OHIO

IN REPLY ADDRESS BOTH COMMUNICATIONS AND ENVELOPE TO COMMANDING GENERAL, WRIGHT AIR DEVELOPMENT CENTER, ATTENTION FOLLOWING OFFICE SYMBOL.

12 February 1954

**SUBJECT:** (UNCLASSIFIED) AIRCRAFT, DRONE XQ-9

**TO:** Commander  
Air Research and Development Command  
ATTN: RDDPA  
Post Office Box 1395  
Baltimore 3, Maryland

1. The inclosed MCLS Form 81A's, dated 20 January 1954, covering subject Aircraft, categorized as A-1, are forwarded for model designation approval only.
2. It is requested that approving signature be entered under caption, "Approving & Coordination Signatures", at the lower left hand corner of the forms.
3. Request telephone notification of approval.

FOR THE COMMANDER:

1 Incl  
MCLS Form 81A 20 Jan 54  
(10 cys)

IF ENCLOSURES ARE WITHDRAWN (OR NOT ATTACHED) THE CLASSIFICATION OF THIS CORRESPONDENCE WILL BE CHANGED IN ACCORDANCE WITH PAR. 1.4.2. AIR-205-1.  
26-

~~CONFIDENTIAL~~  
**UNCLASSIFIED**

XQ-9 (10F3)

~~SECRET~~  
**UNCLASSIFIED**

Hq WADC Subject: (UNCLASSIFIED) Aircraft, Drone XQ-9

(12 Feb 54) 1st Ind

Hq AIR RESEARCH AND DEVELOPMENT COMMAND, P.O. Box 1395, Baltimore 3, Md.

12 MAY 1954

TO: Commander, Wright Air Development Center, ATTN: Wright-  
Patterson Air Force Base, Ohio

1. Inclosed is MCLS Form 81 indicating that model designation for subject item was approved by Headquarters USAF on 22 April 1954.
2. All available copies of the form are returned herewith. It is requested that notification of this type designation assignment be made to interested agencies directly by your Center.

BY ORDER OF THE COMMANDER:

1 Incl  
MCLS Fm 81A, 20 Jan 54  
(w/d 6 cys)

10100  
**UNCLASSIFIED**

~~SECRET~~

If inclosures are withdrawn (or not attached) the classification of this correspondence will be cancelled in accordance with par 28G of AFR 205-1

STATUS OF USAF EQUIPMENT  
REQUEST FOR STATUS CLASSIFICATION

15 June 1959

FILE NUMBER

PROCURE PENDING

UNCLASSIFIED

I.

PERTINENT INFORMATION

NEW ITEM

OLD ITEM

A. OFFICIAL NAME

B. TYPE DESIGNATION

XQ-71 (UNCL)

C. CATEGORY

A

D. PRIORITY

1A

E. DEVELOPMENT EXHIBIT OR SPEC NR

F-108

F. PRODUCTION SPEC NUMBER

Not Applicable

G. DRAWING NUMBER

Not Applicable

H. DATE OF PROC DATA AVAILABILITY

R&D July 59

J. RELATED EQUIPMENT

F-108 Weapon System

K. PRESENT CLASSIFICATION

None

L. RECOMMENDED CLASSIFICATION

(X) Development

M. APPROVED CLASSIFICATION

II.

INFORMATION ON NEW ITEM

A. BASIS FOR DEVELOPMENT OF THE NEW ITEM - INCLUDING SYSTEM AND PROJECT NUMBER

B. PURPOSE OF THIS STATUS CLASSIFICATION ACTION

To obtain type designation, development status for the F-108 Airborne Target.  
XQ-( ) Aerial Target.

C. FULFILLMENT OF REQUIREMENTS (If not fulfilled, explain in detail)

Not Applicable

D. NATURE OF IMPROVEMENT OVER OLD ITEM

Not Applicable

E. REQUIREMENT FOR TRAINING PERSONNEL

No (included in F-108 Weapon System Requirement).

DOWNGRADED AT 3 YEAR INTERVALS  
DECLASSIFIED AFTER 12 YEARS  
DOD DIR 5200.10

F. STATUS OF FUNCTIONAL TESTING

New Development - No functional testing is possible or reason that procurement action must occur first to obtain test hardware.

G. EXISTENCE OF OCCUPATIONAL HEALTH HAZARDS

Rocket engine is designed for long periods of storage in fueled condition.

H. DEVELOPMENT AGENCY

J. RESPONSIBLE CENTER

K. DESCRIPTION OF NEW ITEM, DEVELOPMENT HISTORY, PURPOSE AND INTENDED USE

L. AMC LOGISTICAL COORDINATION -

Not Applicable

M. USING COMMAND OPERATIONAL TEST AND EVALUATION -

Not Applicable

FORM JUL 58 81

UNCLASSIFIED

ALL EDITIONS OF THIS FORM ARE OBSOLETE.

XU-11 (2075)

UNCLASSIFIED



HEADQUARTERS

WRIGHT AIR DEVELOPMENT CENTER

AIR RESEARCH AND DEVELOPMENT COMMAND

UNITED STATES AIR FORCE

Wright-Patterson Air Force Base, Ohio

(P)

7 JUL 1959

XXXXXXXX

SUBJECT: (U) Aerial Target XQ-11

TO: Director of Procurement and Production  
Headquarters, IEAF  
Washington 25, D. C.

1. The inclosed ARDC Form 81A's, dated 16 June 1959 are forwarded for model designation approval in accordance with Section I, Paragraph 1-12, Technical Order 1-1-81.

2. Request the completed action copy of the inclosed ARDC Form 81A and any correspondence concerning the above designation action be forwarded to ARDC  
Andrews AFB, Wash 25, DC.

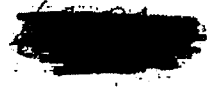
FOR THE COMMANDER:

1 Atch  
ARDC Form 81A, 16 Jun 59  
(6 cys)

Copy to:  
ARDC  
w/4 cys atch

"If inclosed... (or not attached) the classification of this correspondence (document) will be changed to Secret cancelled in accordance with par. 87b, AFR 206-11"

UNCLASSIFIED



10-11 (DEF)

DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS UNITED STATES AIR FORCE  
WASHINGTON 25, D.C.



REPLY TO  
ATTN OF: AFMPP-WS-2

SUBJECT: Request to designate F-108 Airborne Target

6 AUG 1959

TO: ARDC  
Andrews AFB, Wash. 25, D. C.

ARDC Form 81A's have been received requesting approval of a model designation for the F-108 airborne target. No separate designation will be made of this subsystem, at least during the development phase. It will be managed as a subsystem of the F-108 Weapon System.

cc: WADC, WPAFB

Chief, Weapon Systems Division  
Directorate, Procurement & Production  
Office, Deputy Chief of Staff, Materiel

1st Ind

10 August 1959

Hq ARDC, Andrews AFB, Wash 25, D.C.

TO: WADC Wright Patterson, AFB, OHIO

Model designation for the F-108 airborne target has been disapproved as per basic letter.

FOR THE COMMANDER:

Chief, Equipment Classification Division  
Standardization Office