

Date _____

**SECURITY DIVISION
ROUTING SLIP**

To	From
_____ Chief, Security Division	_____
_____ Ass't Chief, Security Div.	_____
_____ Executive, Security Div.	_____
<input checked="" type="checkbox"/> _____ Technical Staff (AS-81)	_____
_____ Materiel Branch (AS-82)	_____
_____ Methods Branch (AS-83)	<input checked="" type="checkbox"/> _____
_____ Protective Branch (AS-84)	_____
_____ Maintenance Branch (AS-85)	_____
_____ Technical Consultant	_____
_____ Custodian (ASA)	_____
_____ Historical Section	_____
_____ All Officers	_____
_____ Central Files (AS-80-A)	_____

For

_____ Action	_____ Info. & f'w'ding (return)
_____ Recommendation	_____ As Requested
_____ Comment	_____ File
_____ Approval	

*Del - I suggest - 29
should come before 2e
so that Rep can get
from us a general outline
of the Reg's and procedure
to use in preparing their*

course REF ID: A71332

~~otherwise~~ - also - if
the testing of a speaker
machine or anything
with a printed record,
arrangements should
be made to send
copies of text to us
both for security
studies and procedural
checks

Otherwise OK and good
JN

~~SECRET~~
 REF ID: A71332
 INTEROFFICE ROUTING
 AND / OR CARRIER SHEET HQ ASA

86-3208-1

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 TELEPHONE NUMBER BOTTOM OF EACH ACTION DRAW LINE UNDER EACH ACTION

ENTER FILE CLASSIFICATION ADJUTANT _____

TO	FROM	DATE	SUBJECT
1. AS-70	AS-80	11 Jan 49	Service Tests Mr. Brann Ext 388
<p>1. It is believed necessary at this time to examine in detail methods of arranging service tests for various crypto-equipments and to set up a guide to be followed in order to ensure that no essential steps will be omitted.</p> <p>2. The following outline indicates the general program to be followed in conducting a service test:</p> <p style="margin-left: 40px;">a. Establishment of a project by AS-81 at least six months before start of instructions for service test personnel. This project will continue until the service test has been completed and will incorporate all of the necessary actions herein indicated.</p> <p style="margin-left: 40px;"><i>6-Request to AS 83 for Security Study</i></p> <p style="margin-left: 40px;">b. Meeting with Research and Development Division and AS-81 representatives for determination of:</p> <ul style="list-style-type: none"> (1) Date for beginning the school of instruction for maintenance and operational personnel. (2) Duration of school of instruction. (3) Qualifications required in personnel to be trained. (4) The location for the training. <p style="margin-left: 40px;">c. Meeting with service(s) responsible for the service test and preparation of confirming letter(s) that will include:</p> <ul style="list-style-type: none"> (1) Description of the equipment. (2) Probable date of initiation of service test. (3) Date of start of school of instruction. (4) Duration of instruction. (5) Location for instruction. (6) Number and type of personnel to be trained. 			

TO	FROM	DATE	SUBJECT SECRET ID: A71332
1. AS-70	AS-80	11 Jan 49	<p style="text-align: right;">Service Tests (contd)</p> <p>(7) Qualifications required of this personnel.</p> <p>(8) Arrangements for technical testing of personnel prior to school of instruction.</p> <p>(9) Confirmation of cryptoclearance of personnel.</p> <p>d. Arrangement with Research and Development Division for personnel from AS-85 and AS-81 to attend the school of instruction.</p> <p>e. Arrangement for preparation by Research and Development Division of a course outline for the school of instruction, and a review of this course outline by Security Division.</p> <p>f. Arrangement for course in general considerations of security, to be conducted by AS-83 at the start of the school for instruction.</p> <p>AS-83. g. Arrangement for preparation of key lists and procedural manual by</p> <p>h. Arrangement for the preparation of a tentative maintenance manual by Research and Development Division.</p> <p>i. Maintenance of continuity with the testing service and Research and Development Division concerning implementation of all the above mentioned factors.</p> <p>j. Arrangement for a meeting, to be held about the middle of the school of instruction, between representatives of the testing service, Research and Development Division, AS-81, and certain personnel attending the school, concerning:</p> <ol style="list-style-type: none"> (1) A plan for the service test. (2) Location of the service test. (3) Duration of service test. (4) Army Security Agency participation in service test. (5) Date of initiation of test. (6) <i>Security check on the material</i> Shipment and return of the equipment. (7) Preparation of service test questionnaire. (8) Preparation of service test reports by using service, and forwarding of two copies to Army Security Agency. (9) Preparation of letter to the testing service confirming the conclusions arrived at in this meeting.

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TO	FROM	DATE	SUBJECT
1. AS-70	AS-80	11 Jan 49	Service Tests (contd)
			<p>k. Preparation of service test questionnaire.</p> <p>l. Arrangement for:</p> <p style="padding-left: 20px;">(1) Classification and registration of equipment.</p> <p style="padding-left: 20px;">(2) Preparation of name plates.</p> <p style="padding-left: 20px;">(3) Preparation of interoffice memorandum to AS-82 and to Research and Development Division, concerning classification, registration, accounting and distribution, and spare parts list. This IOM should also specify documents and drawings distribution.</p> <p>m. Supervision of all phases of service test as school of instruction nears completion.</p> <p>n. Arrangement of details for participation of ASA personnel in the service test. A schedule should be prepared listing personnel by name, and date and location at which each person will participate.</p> <p>o. Preparation of a monthly report of the service test by all ASA personnel participating in the service test and forwarding to AS-81. Close liaison will be maintained with the testing service during the entire period of test.</p> <p>p. Arrangement for return of equipment at end of service test.</p> <p>q. Evaluation of service test reports, both those prepared by the testing service and ASA personnel, by means of a final report prepared by AS-81.</p> <p>3. Comments are requested.</p> <p style="text-align: right; margin-right: 50px;"><i>A. Sinkov</i> A. SINKOV Chief, Security Division</p>

80-227

TO THRU: AS-90 TO: AS-80	FROM: AS-70	DATE 24 Feb 49	SUBJECT SECRET REF ID: A71332 Service Tests (contd)
			Dr. Kullback/321 2. 1. This Division concurs with the proposed outline of the general program to be followed in conducting a service test for crypto-equipment. 2. It is recommended that AS-90 consider the drafting of a similar outline indicating the general program to be followed in conducting tests of intercept equipment developed by the Research and Development Division. <div style="text-align: right;">  S. KULLBACK Chief, Research and Development Division </div> <div style="text-align: center; font-size: 2em; font-family: cursive;"> F. 36.00 </div>

1. AS-70 AS-80 3 Jan 49

Service Tests

Mr. Brenn Ext 386

1. Arrangements for and conduct of service tests of newly-developed crypto-equipments is the responsibility of Security Division.

2. The following outline has been prepared on this subject:

a. Establish project at least six months before start of instruction for service test personnel.

b. Meeting with Research and Development Division representatives concerning date for beginning the school of instruction for maintenance and operational personnel qualifications required in personnel to be trained, length of course, and training site.

c. Meeting with service(s) responsible for test and confirming letter, letters to service(s) describing equipment, probable date of initiation of test date of start of training course, length of course site of course, number of personnel to be trained, qualifications required in personnel, and testing of personnel prior to training course.

d. Arrange for personnel from AS-81 and AS-85 to attend training course.

e. Arrange for preparation by Research and Development Division of course outline and review.

f. Arrange for course in security to be conducted by AS-83, preparation of key lists and procedural manual by AS-83, and preparation of tentative maintenance manual by Research and Development Division.

g. Maintain liaison with testing service and Research and Development Division concerning implementation of all previously discussed factors.

h. About the middle of course, arrange meeting with representatives of testing service, Research and Development Division, AS-81 and certain personnel attending course concerning plan of test, site of test, duration of test, ASA participation in test, time of test - shipment and return of equipment, preparation of service test questionnaire and service test reports (two copies).

i. Letter confirming conclusion of this meeting to testing service.

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31 Dec 48 5-00

1. AS-70 AS-80 3 Jan 48

Service Tests (contd)

j. Classification and registration of equipment, including name plates and interoffice memorandum to AS-82 on accounting and distribution. Arrange for spare parts.

k. Close supervision of all phases as course nears completion.

l. Arrange for participation of ASA personnel.

m. Liaison with testing service during period of test.

n. Report at monthly intervals by ASA personnel assisting in test concerning test plan, adequacy of tests and personnel, and results of tests.

o. Return of equipment at end of test.

p. Evaluation of test reports (ASA and testing service) with final report.

3. Comments are requested.

A. SIMKOV
Chief, Security Division

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1. **THEM: AS-80**
TOP: AS-70 AS-81 9 Jan 49 **Technical Characteristics**
Mr. Braun Ext 388

1. It is proposed that Security Division prepare a set of technical characteristics for each crypto-equipment to be developed to satisfy military characteristics submitted by any using service and approved by the Army Security Agency Technical Committee.

2. These technical characteristics should include more detailed information concerning echelon of use, probable distribution, traffic capacity, desired security, desired operational characteristics, desired maintenance characteristics, size, weight, method of destruction, classification and any other comments peculiar to the specific item.

3. Several times in the past, Research and Development Division has queried this Division concerning details of equipments under development that were not sufficiently clarified or detailed in the specific military characteristics. It is believed that the technical characteristics would serve as a guide and would materially assist Research and Development Division in these cases. They would also provide a more complete background for planning the development of each item. Informal coordination with the using service would be required for each technical characteristic.

4. Comments are requested.

WILLIAM BRAUN
 Chief, Technical Staff
 Security Division

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31 Dec 48

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