

W. D., A. G. O.
REF ID: A4148548
April, 1948

WAR DEPARTMENT
ARMY SERVICE FORCES
MEMO ROUTING SLIP

To the following in order indicated:

GPO 16-34260-1

1	(Name or title)	(Organization)	(Building and room)	(Initials)	(Date)
2	PRO Staff		4th Fl 13th		
3					

Info, remarks if any, and forwarding: No

Are we not interested in enemy crypto equipment, generally speaking? What is reason for excluding crypto eqpt per Mr. Rhoads' notes? WDF

Note that under TP 5h (2) - Weather Cryptographic material is going to Hq. AAF. I suppose we were responsible for finding out from the Weather Division if they're

Approved for Release by NSA on 11-18-2014 pursuant to E.O. 13526

(Date)
(Telephone)

(Name) (Organization) (Building and room)

received any good evening weather
codes lately - but it's inconsistent
with AR 105-5, at least in theory -

REF ID: A4148548

JK

Agree with above comments, No
further to add - *JK*

WAR DEPARTMENT
 ARMY SERVICE FORCES
MEMO ROUTING SLIP

REF ID: A4148548

Form No. 0115
 April 7, 1943

To the following in order indicated:

1	(Name or title) (Organization) (Building and room)	(Initials) (Date)
2	R & C Staff JMH	
3		

(a) F B I has no liaison with Tech Air Intelligence Service.
 (b.) are we not interested in Japanese speech security equipment see A6 d. (2) (a).
 (c.) F B I would desire liaison with air Tech Intel Serv. on pulse communication, television, and any new developments in voice recording equipment.

J. M. Hildyard
 Capt USAF
 F B I, Control of the Review Office?

From *L. W. Gamell*

(Name) (Organization) (Building and room)	(Date) (Telephone)
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CIRCULAR }
No. 13 }

WAR DEPARTMENT
WASHINGTON 25, D. C., 11 January 1945

Effective until 11 July 1946 unless sooner rescinded or superseded

SHIPMENT OF CAPTURED MATÉRIEL TO THE UNITED STATES FOR INTELLIGENCE PURPOSES

1. The study of enemy equipment by technical experts in the United States has been very valuable in determining the enemy's trends in the development of his weapons, for adapting desirable features of his weapons for our own use, for developing countermeasures, and for making deductions as to the state of his resources.

2. Listed in this circular are general types of enemy equipment which are required for research purposes. A continuing requirement exists for sample items of enemy equipment of recent manufacture. This equipment is divided into three major divisions including ground force equipment of all types, Japanese air force equipment, and German air force equipment. The Commanding General, Army Service Forces, is charged with primary responsibility for technical intelligence on all types of ground force equipment; the Commanding General, Army Air Forces, for technical intelligence on German air force equipment; and the provisions of War Department letter (AG 350.05 (21 Aug 44) OB-S-B-E-AFABI-M), 18 September 1944, to interested theaters will apply for Japanese air force equipment.

3. Theaters of operations are furnished specially trained technical personnel, organized and designated as "Enemy Equipment Intelligence Service Teams," to handle enemy ground force equipment and "Technical Air Intelligence Units" to handle enemy air force equipment. The primary purpose of these teams is to select and expedite the flow of captured matériel for intelligence purposes.

4. Theater commanders are requested to—

a. Cable Commanding General, Army Service Forces, Attention Director of Intelligence, immediately upon capture of the first item and upon capture of the second item of Japanese ground force equipment not previously captured.

NOTE.—New models of previously captured items are to be considered as equipment not previously captured.

b. Insure that captured matériel selected for research is examined and shipped promptly, to meet United States Army research requirements, in accordance with current policies which assign such requirements priority over theater needs and over-all training needs in the United States, and in accordance with current policies on priority of allocation for research among the Allies. The provisions of War Department letter (AG 386.3 (2 March 44) OB-S-B-M), 10 March 1944, Destruction by Souvenir Hunters of Valuable Intelligence Data, will be enforced.

c. Ship items of first capture and new models of items previously captured; also items of the same model but of more recent manufacture than those previously shipped.

d. Insure that matériel is prepared for shipment in such a manner as to prevent damage or deterioration. Packing for shipment will be in accordance with United States Army Packing and Packaging Specification 100-14A, 15 February 1943, and technical service packing specifications where applicable.

e. Prescribe marking in accordance with War Department letter (AG 400.161 (19 May 43) OB-S-SPMOT-M), 1 July 1943, Requisitioning and Marking Supplies for Overseas Shipment, and War Department Technical Manual 38-413, Theater Shipping Document; Procedure for Marking and Documentation of Ship-
AGO 222B 622602°—45

Cir 13

2

ments to Theaters and for Shipments Returned to the United States. Items containing explosives or chemicals should be packed separately and marked appropriately as provided in section III, Circular No. 370, War Department, 1944. The consignee combination SCP will be included as a part of the oversea address on all shipments of captured matériel for *intelligence purposes* returned to the United States. Special marking instructions for each technical service indicated in subsequent paragraphs will be placed below the oversea address.

To: USA-CWSII-SCP-A723TA5.

For: President Chemical Warfare Board
Edgewood Arsenal, Md.

Attn: Matériel Officer.

5. The following are the general types of enemy ground force equipment desired for shipment to the United States:

a. Enemy chemical warfare equipment.—Chemical munitions; chemical agents; chemical weapons; protective equipment; gas detector sets; collective protectors; decontaminants; incendiary munitions; smoke munitions and equipment; flame throwers.

- (1) *Quantities.*—At least 3 and not over 10 of each item excepting gas masks and containers of which 200 to 500 of each type are required.
- (2) *Marking.*—Special marking instructions for all equipment to be added below the oversea address:

For: President Chemical Warfare Board
Edgewood Arsenal, Md.

Attn: Matériel Officer.

b. Enemy engineer equipment.—Camouflage paint; ponton bridges; light, portable bridging; outboard motors; aerial cableways; heavy construction equipment—soil and base course stabilization equipment, bituminous handling machinery, concrete mixing and handling equipment, tractors, bulldozers, power shovels, earth moving equipment; liquid fuel equipment—gasoline pumps, barge unloading equipment, sea loading and unloading equipment, pipeline materials, pipeline pumping units, storage tanks; water supply—portable filters, chlorination equipment, coagulation chemicals and other chemicals used for water treatment, water decontamination agents, pumping units, distillation equipment, portable storage facilities, well drilling equipment, water tanks, and trailers; demolition material—mines, antitank and antipersonnel, shaped charges, fuses, igniters, detonators, exploder machines, explosives, liquid oxygen equipment; firefighting equipment; portable electric power equipment; searchlights; gas generating equipment—hydrogen, oxygen acetylene, etc.; mine detecting equipment; mine removal equipment; mapping equipment—drafting equipment, photogrammetry equipment (multiplex, stereoplanigraph, etc.), reproduction equipment such as ozalid, B & W, etc., offset printing equipment, photographic equipment and materials, surveying instruments; infrared ray equipment; barrage balloons; refrigeration equipment; diving equipment; plastics; model making equipment; pneumatic tools; air compressors.

- (1) *Quantities.*—One each of heavy items as searchlights and compressors; 5 each of small items as igniters and mines.
- (2) *Marking.*—Special marking instructions to be added below the oversea address:

For: Engineer Board
Fort Belvoir, Va.

NOTE.—Notify Office Chief of Engineers, Attention: Chief, Intelligence Division, when any shipments are made, giving type and number of items.

AGO 222B

c. Enemy medical equipment.—First aid, field aid station, individual and hospital equipment; sanitation, laboratory, dental and veterinary equipment; preventive medicines, biologicals, serums, drugs, etc.; supplies and equipment for the control of insects and rodents; regulations, field manuals and supply catalogs as they pertain to the medical, dental, veterinary and laboratory services; portable equipment; protective goggles.

- (1) *Quantities.*—At least 2 and not over 5 of each item except drugs, anti-malarials, vaccines, insect powders, and insect repellents, which are required in quantity.
- (2) *Marking.*—Special marking instructions to be added below the oversea address:

For: Commanding General
Medical Field Service School
Carlisle Barracks
Carlisle, Pa.

d. Enemy ordnance equipment.—Ammunition, all types, with fuses; explosives, all types including mines, grenades; weapons, all types; fire control instruments; sights, all types; samples of fuels and lubricants; rockets; all military vehicles including tanks and other combat vehicles.

- (1) *Quantities.*—Two each except for ammunition; 100 rounds of each type of ammunition.
- (2) *Marking.*—Special marking instructions to be added below the oversea address:

For: Commanding General
Aberdeen Proving Ground
Attn: Foreign Matériel Branch
Aberdeen, Md.

e. Enemy quartermaster equipment.—Uniforms of all branches and grades; insignia and medals; other individual clothing and equipage of all types for individuals and units; tentage; cooking outfits for individuals and units; fasteners for clothing and equipment including snaps, buttons, straps and ties, hooks, etc; insulated food containers; items made with plastic and or plastic finishes and coatings; water and gasoline cans; protective body armor; leather and leather substitutes, leather preservatives; rubber equipment, all types; mobile quartermaster equipment including refrigeration, laundry, bakery, shoe repair, etc; bedding; subsistence stores; fuels (also listed under ordnance equipment) and lubricants; portable apparatus for handling and dispensing of gasoline; enemy tables of allowances and equipment.

- (1) *Quantities.*—At least 3 and not over 10 of each item, except large mobile equipment described above, which should be limited to 1.
- (2) *Marking.*—Special marking instructions to be added below the oversea address:

For: Intelligence Officer
Office Quartermaster General
Washington, D. C.

f. Enemy signal equipment.—All ground signal equipment including the following types: telephone, telegraph, teletypewriter, ground radio sets, field wire, cable and accessories, ground-air radio, ground radar, power supplies, television direction finders, radio countermeasures equipment and AJ devices, antennas and antenna mountings for ground radio and radar, IFF, all samples of component parts for spares, such as tubes, resistors, batteries, vibrators, etc. Also
AGO 222B.

desired are equipments peculiar to the Signal Corps, i. e., photographic equipment, speech secrecy equipment, and voice amplification equipment.

NOTE.—All operating manuals on all types of ground signal equipment should be sent with the equipment.

- (1) *Quantities*.—Minimum of 3 and, if possible, 10 of each item.
- (2) *Marking*.—Special marking instruction to be added below the oversea address:

For: Intelligence Branch
Office, Chief Signal Officer
Washington, D. C.

g. Enemy transportation equipment (photographs only, with description where needed).—Cargo trucks; trailers; special trucks; unusual railway features; unusual floating equipment or cargo handling equipment as ship gear, pier facilities; deck or hold storage, amphibious equipment.

- (1) *Quantities*.—Two copies each of photographs and descriptions.
- (2) *Mailing instructions*.—Mail to—

Office, Chief of Transportation
Attn: Intelligence and Security Division
Washington, D. C.

h. Enemy meteorological equipment.

- (1) (a) Anemometers, automatic weather stations (land or buoy), barometers, ceiling light projectors, special communication equipment, hydrogen generators; hygrometers, pilot balloon equipment, psychrometers, radiosonde apparatus, radio-wind equipment, thermometers.

NOTE.—All equipment to be examined by the nearest weather squadron intelligence officer before shipment to United States.

- (b) Special marking instructions to be added below the oversea address:

For: AAF Liaison Officer for Weather
Signal Corps Ground Signal Agency
Shark River Hills Hotel
Bradley Beach, N. J.

NOTE.—Advise the Chief, Intelligence Section, Headquarters, AAF, Weather Wing, Asheville, N. C., when equipment is available for shipping.

- (2) (a) Weather charts, weather codes and cyphers, records of weather observations, documents, and pamphlets on meteorology.
- (b) Special marking instructions to be added below the oversea address:

For: Commanding General, AAF
Attn: AC of AS, OC & R
Weather Division
Washington, D. C.

6. The following are the general types of enemy air force equipment desired for shipment to the United States:

a. Enemy aircraft, aircraft servicing supplies, and aircraft servicing equipment.—Suitable specimens of all types of enemy aircraft in flyable or easily repairable condition, complete with equipment and accessories, and suitable specimens of aircraft servicing supplies and equipment.

- (1) Special marking instructions for matériel from anti-Japanese theaters to be added below the oversea address:

For: Technical Air Intelligence Center
 Naval Air Station
 Anacostia, D. C.

NOTE.—Advise the Officer in Charge, Technical Air Intelligence Center, Naval Air Station, Anacostia, Washington, D. C., whenever shipment of Japanese matériel is to be made.

- (2) Special marking instructions for matériel from Anti-German theaters to be added below the oversea address:

For: Director, Air Technical Service Command
 Attn: Evaluation Br., Tech. Data Lab. Engr. Div.
 Wright Field, Dayton, Ohio

b. Enemy medical equipment.—Emergency kits; airplane ambulance equipment; equipment used to protect flyers from effects of centrifugal force; flak suits; special clothing; medical and physiological equipment as related to aircraft and flyers; special equipment for selection of personnel for flying duty; oxygen equipment; drugs to combat fatigue and air sickness; medical regulations and field manuals on aviation medicine.

- (1) *Quantities.*—At least 1 and not over 5 of each item.
 (2) *Marking.*—Special marking instructions to be added below the oversea address:

(a) *Japanese equipment.*

For: Technical Air Intelligence Center
 Naval Air Station
 Anacostia, D. C.

(b) *German equipment.*

For: Director, Air Technical Service Command
 Attn: Evaluation Br., Tech. Data Lab. Engr. Div.
 Wright Field, Dayton, Ohio

NOTE.—Advise the Assistant Chief of Air Staff, Intelligence, Washington, D. C., by cable whenever shipment of German matériel is to be made.

c. Enemy ordnance equipment.—Aircraft armament, such as guns, feed mechanisms, ammunition, bombs, bomb fuses, rockets, pyrotechnic signal flares, pyrotechnic dischargers, any accessories which actuate or are actuated by a gun, and ammunition belt links; aircraft armor plate; bullet proof glass installed in aircraft; bomb racks; aircraft gunsights; bombsights; aircraft rocket launchers.

- (1) *Quantities.*—Six each except for ammunition; 1,000 rounds of each type of ammunition.
 (2) *Marking.*—Special marking instructions to be added below the oversea address:

(a) *Japanese equipment.*

1. *All items except bombs, bomb fuses and rockets.*

For: Technical Air Intelligence Center
 Naval Air Station
 Anacostia, D. C.

2. *Bombs, bomb fuses, and rockets.*

For: Commanding General
 Aberdeen Proving Ground
 Attn: Foreign Matériel Branch
 Aberdeen, Md.

Cir 13

6

*(b) German equipment.**1. Armament, as defined above, and armor plate.*

For: Commanding General
Aberdeen Proving Ground
Attn: Foreign Matériel Branch
Aberdeen, Md.

2. Other items.

For: Director Air Technical Service Command
Attn: Evaluation Br., Tech. Data Lab. Engr. Div.
Wright Field, Dayton, Ohio

d. Enemy signal equipment.—All airborne signal equipment including the following types: radio navigation, remote control, television, radio communication, pulse communication, voice recording equipment, direction finding, radar altimeter, IFF, RCM equipment and AJ devices, power supplies, all samples of component parts for spares, such as tubes, resistors, batteries, vibrators, etc. Also desired are equipments peculiar to the Army Air Forces, such as voice recording equipment, antiprecipitation static, lip and throat microphones, headsets, antennas for radio and radar, speech secrecy and voice amplification.

NOTE.—All operating manuals on all types of airborne equipment should be sent with the equipment.

(1) *Quantities.*—Minimum of 3 and, if possible, 10 of each item.

(2) *Marking.*—Special marking instructions to be added below the oversea address:

(a) Japanese equipment.

For: Technical Air Intelligence Center
Naval Air Station
Anacostia, D. C.

(b) German equipment

For: Intelligence Branch
Office Chief Signal Officer
Washington, D. C.

7. Circular No. 104, War Department, 1944, pertaining to the foregoing subject, is rescinded.

[AG 386.3 (3 Jan 45)]

BY ORDER OF THE SECRETARY OF WAR:

OFFICIAL:

ROBERT H. DUNLOP
Brigadier General
Acting The Adjutant General

G. C. MARSHALL
Chief of Staff

AGO 222B