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JAN 22 1962

UNITED STATES MARINE CORPS
Marine Corps Schools
Quantico, Virginia

XEROX

62-1-4

46/4E/RBB:nfk

JAN 19 1962

From: Coordinator, Marine Corps Landing Force Development Activities
Marine Corps Schools, Quantico, Virginia

To: Commandant of the Marine Corps (Code AO4D) Headquarters, U. S.
Marine Corps, Washington 25, D. C.

Subj: Camouflage Clothing for Reconnaissance Personnel (Project No.
42-58-01J); final report of

Ref: (a) CMC Project Directive 42-58-01J (Camouflage Clothing for
Reconnaissance Personnel) of 5 Dec 1958 to CMCLFDA.
(b) CMCLFDA ltr 046A16661 of 15 Jun 1961 to Multi-addressees
Subj: Marine Corps Developmental Test Program FY 1962

Encl: (1) Essential Modifications Incorporated in Reconnaissance
Jacket M-2
(2) 2d Force Reconnaissance Company Report dtd 13 Nov 1961
Subj: Reconnaissance Jacket M-2
(3) Photograph of Reconnaissance Jacket M-2
(4) Distribution List

1. In compliance with reference (a), Marine Corps Project No. 42-58-01J, a reconnaissance jacket to provide concealment under combat conditions was developed and prototypes were tested under reference (b).

2. Since garment design and functional characteristics were the primary considerations in the development of the initial prototypes, no camouflage was added. Also, through liaison with force reconnaissance personnel it was determined that a complete reconnaissance suit was not required and that a jacket of parka length would suffice. Therefore no effort was devoted to development of trousers.

3. The first prototype reconnaissance jackets were tested by the 1st and 2d Force Reconnaissance Companies in 1960. The jackets were worn during various amphibious operations and under weather conditions varying from -10° F. to 97° F. in the Camp Pendleton area; the northwest coast of the United States; Marine Corps Cold Weather Training Center, Bridgeport, California; St. Thomas, Virgin Islands; and Marine Corps Schools, Quantico, Virginia.

4. During the initial phase numerous modifications were recommended by the test units. All modifications were incorporated into a single test jacket, evaluated and tested by MCLFDC personnel during field exercises and night parachute operations.

5. The modifications deemed essential (enclosure (1)) were then incorporated into a second prototype reconnaissance jacket referred to as the M-2, along with a new camouflage pattern developed under the cognizance of the Marine Corps Supply Activity, Philadelphia, Pennsylvania. A limited number, patterned after the M-2, were fabricated by MCSA, Philadelphia and provided the Development Center for test. Enclosure (3) is a photograph of the Reconnaissance Jacket M-2.

6. Subsequently, these prototype Reconnaissance Jackets M-2, were tested by the 2d Force Reconnaissance Company during extensive amphibious operations at St. Thomas, Virgin Islands during the period 6 October - 10 November 1961, with very satisfactory results. (See enclosure (2)).

7. Conclusions

That the modifications incorporated into the M-2 jacket as a result of the initial tests have now rendered the jacket a useful item that is a substantial improvement over the camouflage utilities now in use.

8. Recommendations

a. That the Reconnaissance Jacket M-2 be adopted for Marine Corps use as a replacement for the current camouflage utilities on a one for one basis, as currently issued.

b. That the fabric of the Reconnaissance Jacket M-2 be given a quarpel-type treatment to improve its water repellent characteristics.

c. That the present camouflage pattern be considered only for interim use in the manufacture of the Reconnaissance Jacket M-2, until such time as a more effective camouflage pattern becomes available.

d. That Project No. 42-58-01J be terminated.

C. A. LASTER

DEPUTY COORDINATOR

Acting

Essential Modifications Incorporated in Reconnaissance Jacket M-2

During this initial test phase numerous modifications were recommended by the test units. All modifications were incorporated into a single test jacket evaluated and tested by MCLFDC personnel during field exercises and night parachute operations. The following modifications were considered as essential to improve the overall value of this reconnaissance jacket:

- a. Redesignate the present medium size pattern to large size and prepare a new medium size pattern. (The present large size pattern to be retained as an extra large size).
- b. Collar hood should be lined and equipped with a zipper. When not in use the hood should be capable of being rolled into a collar rather than lie flat on the individual's shoulders and back.
- c. Eliminate rifle strap from shoulder.
- d. Slant chest pockets about 30°.
- e. Eliminate the two pleats from the hip pockets and insert one large pleat held in place with a snap fastener.
- f. Sleeves: bat-wing style, to be accomplished by inserting a gusset, thereby allowing greater freedom of arm movements overhead, such as are encountered in parachuting.
- g. Sleeve pocket: place a flap over the top.
- h. Sleeve cuffs: to be the same as on the Army Short Parka 1956 with elastique insert.
- i. Large pockets in rear--similar to pocket in old style utilities. To be about 1" below waist. To be 9" x 13" with bellows sides and flap over the top.
- j. No crotch strap. Crotch design to be similar to Army Short Parka 1956.
- k. Insert a draw string around the waist.
- l. Eliminate the box pleats in back and the waist seam.

04/MDD/rjk
4400
NOV 28 1961

FIRST ENDORSEMENT on CO, 2d ForReconCo ltr 06/DMT/cgs over 4400 of 13 Nov 61

From: Commanding General, Force Troops, Fleet Marine Force, Atlantic
To: Director, Marine Corps Landing Force Development Center, Marine
Corps Schools, Quantico, Virginia

Subj: Reconnaissance Jacket M-2

Ref: (b) Director, MCLFDC ltr 46/4E/RBB:vlg of 26 Sep 61

1. Forwarded in accordance with reference (b).

E. D. MURRAY
By direction

2D FORCE RECONNAISSANCE COMPANY
Fleet Marine Force Atlantic
Camp Lejeune, North Carolina

06/DMT/cgs
4400
13 Nov 1961

From: Commanding Officer
To: Director, Marine Corps Landing Force Development Center
Marine Corps Schools, Quantico, Virginia
Via: Commanding General, Force Troops, Fleet Marine Force, Atlantic
Subj: Reconnaissance Jacket M-2

Ref: (a) CG ForTrps FMFLant ltr 04/RGK/whs 3900 of 6 Oct 1961

1. In accordance with reference (a) the Reconnaissance Jacket M-2 was tested by 2d Force Reconnaissance Company during extensive amphibious operations at St. Thomas, Virgin Islands during the period 6 October - 10 November 1961.

2. Findings

a. The modifications incorporated into the M-2 jacket as a result of the initial tests have rendered the jacket a useful item for Force Reconnaissance operations.

b. The modified jacket represents a significant improvement over the initial Reconnaissance Jacket M-1 and specific favorable comments include the following:

- (1) Material is sufficiently durable for rough mountainous terrain.
- (2) Zipper and sleeve construction affords extra ventilation in warmer climates.
- (3) Large pockets are useful for carrying maps, rations, etc and the small pocket on the sleeve for pencils is a helpful addition.
- (4) Detachable hood offers warmth and protection against vines and branches as well as affording excellent camouflage for the head. The new method of attaching the hood to the jacket is highly recommended.
- (5) Camouflage color scheme is excellent and blends well with natural terrain and vegetation.

c. The utilities, camouflage may be replaced by the adoption of the Reconnaissance Jacket.

3. Recommendations

a. That the Reconnaissance Jacket M-2 be adopted for use by Force Reconnaissance units.

06/DMT/cgs
4400
13 Nov 1961

b. That no further testing be conducted.

c. That the following allowance be authorized:

(1) Initial issue of two jackets to each Reconnaissance Man, Pathfinder and Company Officer	200
(2) Back up of one jacket per Reconnaissance Man, Pathfinder and Company Officer at Company Supply level	100

D. M. TWOMEY



ENCLOSURE 3

DISTRIBUTION LIST

CG, FMFLant	1
CG, FMFPac	1
CG, Hq, US CONARC (Attn: MD) Ft. Monroe, Va.	1
CG, ForTrps, FMFLant	1
CG, ForTrps, FMFPac	1
CG, MCSA Philadelphia, Pa.	1
LnO, Hq, FMFLant	1
LnO, Hq, FMFPac	1
MCLnO, U. S. Army Infantry Bd, Ft. Benning, Ga.	2
MCLnO, U. S. Army Airborne & Electronics Bd, Ft. Bragg, N. C.	1
MCLnO, U. S. Army QMR&E Ctr, Natick, Mass.	1
MCLnO, Naval Field Medical Research Lab., Camp Lejeune, N. C.	1
MCLnO, Hq, US CONARC, Ft. Monroe, Va.	1
MCLnO, Joint Amphibious Matters, U. S. Atlantic Fleet, U. S. Naval Base, Norfolk 11, Va.	2
Dir, MCEC, MCS	2
Army (USCONARC) LnO, MCLFDA	3
COMPHIBLANT (Navy) LnO, MCLFDA	1
Canadian Army LnO, MCLFDA	1
British (Royal Marine) LnO, MCEC, MCS	1
Armed Services Technical Information, Arlington 12, Va. (ASTIA)	10
CMC (DC/S (R&D))	1