

STAKE HEAD OF SCREW IN TWO PLACES

SPRING RETAINER

SPRING COMPRESSION

IMPRESSION STAMP
MANUFACTURERS TRADE MARK

HOOK ASSEMBLY

TIP OF THE GUARD SHALL BE
ALIGNED WITH THE SLOT AT THE
TIP OF THE HOOK WITHIN .030
INCHES.

(C1)

IMPRESSION STAMP
PART NUMBER 22017

BALL

BUSHING GUARD
SPRING, SINGLE TORSION

MS20427-F2-5
(SEE NOTE 10)

SPRING,
DOUBLE TORSION

BALL DETENT: BALL SHALL EXERT PRESSURE
ON INSIDE CIRCUMFERENCE OF .125 DIA
HOLE OF LEVER ARM GRIP, THE PULL
REQUIRED TO REMOVE THE LEVER ARM GRIP
(WITHOUT LOAD) FROM THE BALL DETENT
SHALL BE BETWEEN 4 POUNDS AND 9
POUNDS, APPLIED AT THE END OF THE GRIP.

(M1)

(C2) GUARD
(GUARD SHALL MOVE FREELY)

DIRECTION OF PULL TEST
(SEE NOTE 7 AND 8)

DIRECTION OF PULL TEST
(SEE NOTE 7 AND 8)

BUSHING, LEVER
ARM PIVOT

MS20427-F2-10
(SEE NOTE 10)

GRIP

MS20427-F3-7
(SEE NOTE 10)

LEVER ASSEMBLY

EJECTOR SNAP ASSEMBLY

THE BAR WITH A 20 POUND WEIGHT APPLIED
SHALL BE COMPLETELY EJECTED WHEN A
MANUAL PULL (NOT EXCEEDING 15 POUNDS)
IS APPLIED TO OPEN THE LEVER ARM TO
FULL RELEASE POSITION.

(C3)

WITH LEADING EDGE OF
LEVER ARM GRIP RESTING
ON THE PROJECTING BALL
A LOAD OF 20 POUNDS MAX.
SHALL BE APPLIED TO THE
3/32 BAR, WHICH IS AT THE
END OF THE LEVER ARM (INSIDE
HOOK MOUNT). THE GRIP SHALL
CLOSE AND LOCK OVER THE BALL
DETENT.

(M2)

SNAP SHALL ACCEPT
A 9/32 DIA TEST BAR

(C4)

RELEASE OF LEVER ARM FROM
THIS POSITION SHALL CLOSE
AND SEAT LEVER ARM GRIP
OVER BALL DETENT.

(M3)

(C5)
LEVER ARM SHALL ROTATE TO ITS FULLY
REJECTED POSITION (AGAINST DOUBLE
TORSION SPRING BUSHING) WITHOUT
RESISTANCE FROM DOUBLE TORSION SPRING.

HOOK BODY

(F) REVISED AND REDRAWN ON AUTO CAD

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Title

SNAP, PARACHUTE HARNESS
QUICK-FIT EJECTOR

Parachute
Standard

PS22017

Procurement Specification
MIL-H-7195

Renamed From:
MS22017

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