



U.S. NAVY / BU. OF ORD. / TORPEDO / MARK 34 / MODEL 1944 / REF. CODE: 34-100-100-100-100-100

LIMITING TARGET RANGE (MDS) (HOOD)

ANGLE ON TARGETS / STARBORD / PORT

USE WITH TORPEDOES MK 34-100-100-100-100-100

ASPEED / AVERAGE SPEED

KNOTS





LIMITING TARGET RANGE (VDS/1000)

USE WITH TORPEDOES MK 8-3C & D

TORPEDO AVERAGE SPEED

KNOTS

ANGLE ON THE BOW

STARBOARD

TARGET SPEED KNOTS

U.S. NAVY BU. OF ORD.
TORPEDO DIRECTOR
MARK 31
MOD. 1
NO. 1
MADE BY
BRISTOL & MARTIN, INC.
NEW YORK, N. Y.



58
60
57
59

LIMITING TARGET RANGE (YDS/4000)

300
280
260
240
220
200

TORPEDO AVERAGE SPEED

KNOTS

U.S. NAVY BU. OF ORD
TORPEDO DIRECTOR
PART 1
INSPECTOR
MADE IN U.S.A.
BRISTOL AERONAUTICAL CO. INC.
NEW YORK, N.Y.

ANGLE ON THE BOW

180
160
140
120
100
80
60
40
20

TARGET SPL KNOTS

USE WITH TORPEDOES MK 8-3C & D

LIMITING TARGET RANGE (YDS/1000)



TORPEDO
AVERAGE SPEED

KNOTS

U. S. NAVY BU. OF ORD.
TORPEDO DIRECTOR
MARK 31 MOD. NO. _____
INSPECTOR _____
MADE BY
BRISTOL & MARTIN, INC.
NEW YORK, N. Y.



LIMITING TARGET RANGE (VDS/1000)

TORPEDO AVERAGE SPEED
KNOTS

U.S. NAVY BU. OF ORD.
TORPEDO DIRECTOR
MARK 31
INSPECTOR
MOD. NO.
MADE BY
BRISTOL & MARTIN, INC.
NEW YORK, N. Y.

ANGLE ON THE BOW

STARBOARD

TARGET SPEED KNOTS

USE WITH TORPEDOES MK 9-3C & D

T RANGE (YDS/1000)

USE WITH TORPEDOES MK 8-3C & D

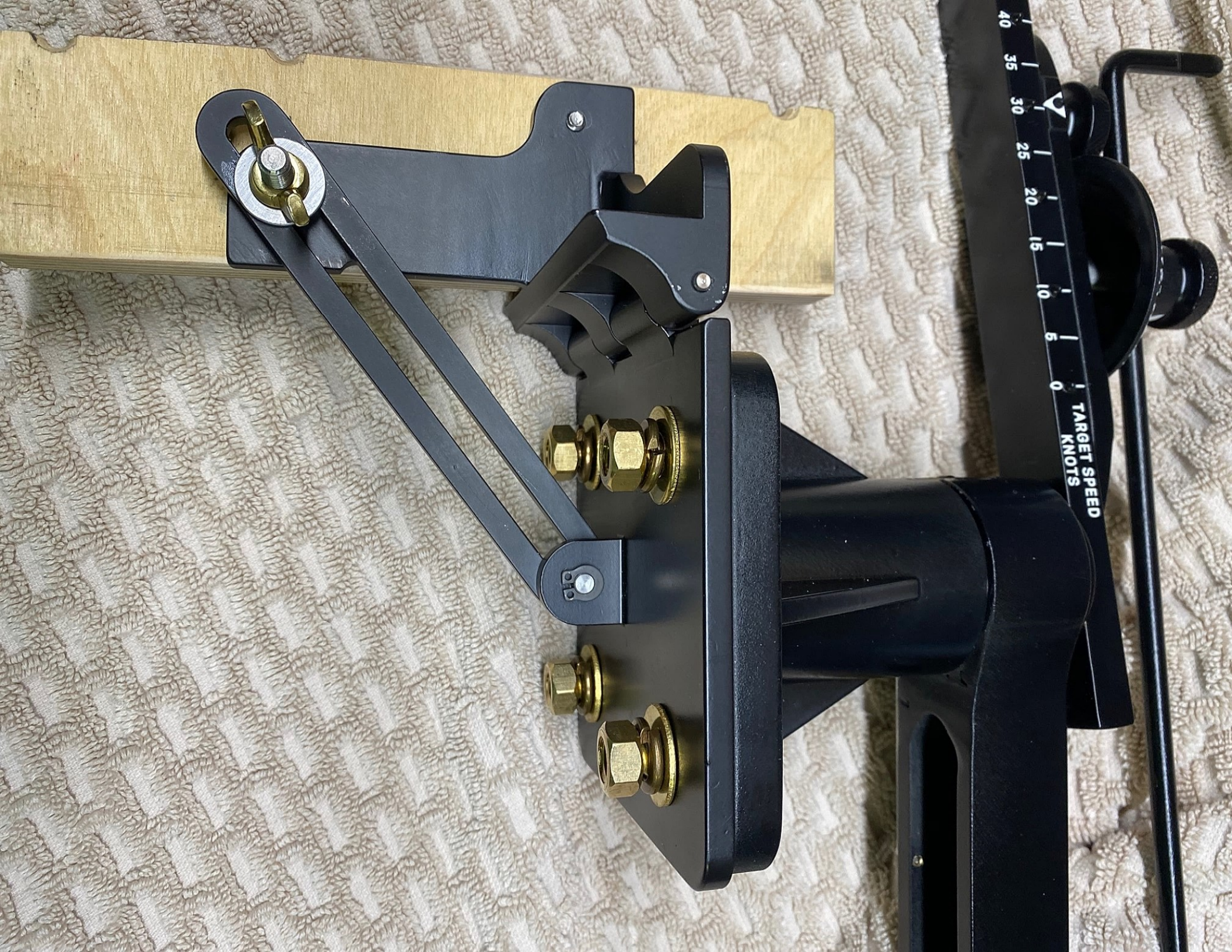
STARBOARD
20 40 60 80 100 120 140 160

TARGET SPEED
KNOTS
0 5 10 15 20 25 30 35 40

KNOTS

U.S. NAVY BU. OF ORD.
TORPEDO DIRECTOR
MARK 31 MOD. _____
INSPECTOR NO. _____
MADE BY
BRISTOL & MARTIN, INC.
NEW YORK, N. Y.









U.S. NAVY BU. OF ORD.
TORPEDO DIRECTOR
MARK 31 MOD. NO. [redacted]
INSPECTOR [redacted] MADE BY
BRISTOL & MARTIN, INC.
NEW YORK, N. Y.

TARGET SPEED
KNOTS

0 5 10 15 20 25 30 35 40

ANGE (008/1000)

FOR USE WITH TORP.