Addendum to

A 9-Day Franklin-Style Timepiece by Roger Gendron, FNAWCC (MI)

Nine Day Franklin Style Timepiece - Passing Strike

Scale: Full

Primary Ratchet, 1 1/8 O.D., 18 T.

Nominal 40 3/16 to Center of Pendulum Bob

Note:
Half period = 1.0044642 sec.

Time Train - Side View

Updated 3-9-99
Revised 5-20-97

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Nine Day Franklin Style Timepiece - Passing Strike

Maintaining Power Wheel, 32 P, 32 T, 1.00 P.D., 3/16 Face, Steel Spur Gear

28 Teeth

1 3/16

Maintaining Power Wheel, 32 P, 32 T, 1.00 P.D., 3/16 Face, Steel Spur Gear

13/16 Long, 5/16 O.D., 0.042 Wire, Compression Spring with a 3/4 Long, 0.218 O.D., 0.024 Wire Compression Spring Nested Inside

Maintaining Power

Updated 3-9-99
Updated 7-23-97
Draft 5-24-97

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NINE DAY FRANKLIN STYLE TIMEPIECE - PASSING STRIKE

SCALE: FULL

8-32 THREAD

\( \frac{5}{16} \times \frac{11}{16} \times \frac{15}{16} \) STEEL, SHAPED

\( \frac{3}{32} \times \frac{3}{8} \times 1 \frac{3}{4} \) 0-1 TOOL STEEL

\( \frac{1}{6} \) THICK STEEL

\( \frac{1}{8} \) INCH THICK PIN PLATE, \( \frac{1}{2} \) DIA. WITH FOUR 0.156 DIA. HALF PINS AT 30° ON A 1 \( \frac{1}{4} \) " DIA. BOLT CIRCLE

PASSING STRIKE

UPDATED 3-9-99

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Nine Day Franklin Style Timepiece - Passing Strike

Scale: 4:1

Note:
Very low recoil anchor, encompases 10.5 teeth or a 92 tooth wheel.

Anchor Malt: 0.1875 x 1/8 hardening tool steel
Blank Size: 1/32 x 1/8

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Nine Day Franklin Style Timepiece - Passing Strike

Scale: Full

0.070 Pin

0.055 x 1/4 x 3 2/8
0-1 Tool Steel

TAP 10-32

1/4 x 3/8 x 1 3/8
Shaped Steel

Hammer Spring & Actuating Pin

1/4 Drill Thru

1/2 D

Lower Pillar Spacer
Brass - 2 Req'd

Minute Hand
16 Ga. Steel

Parts
CASE FOR FRANKLIN STYLE TIMEPIECE  
REVISED GENERAL CONFIGURATION

SCALE: APPROX. TENTH

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