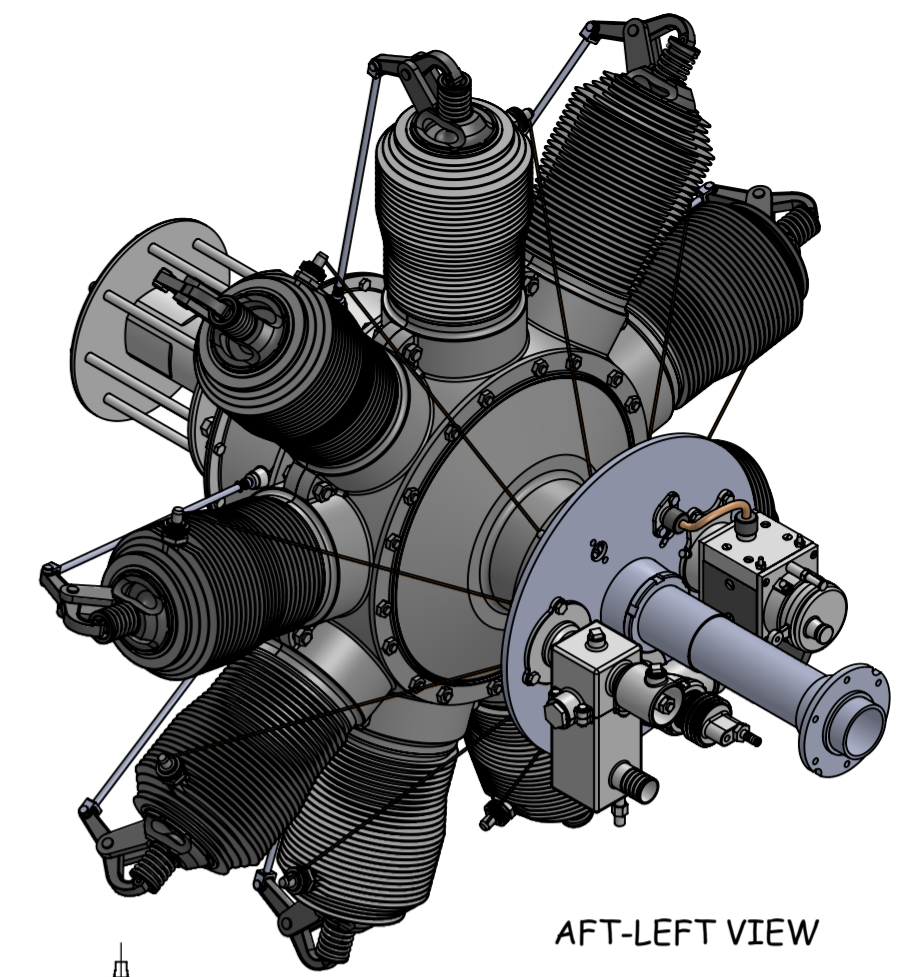
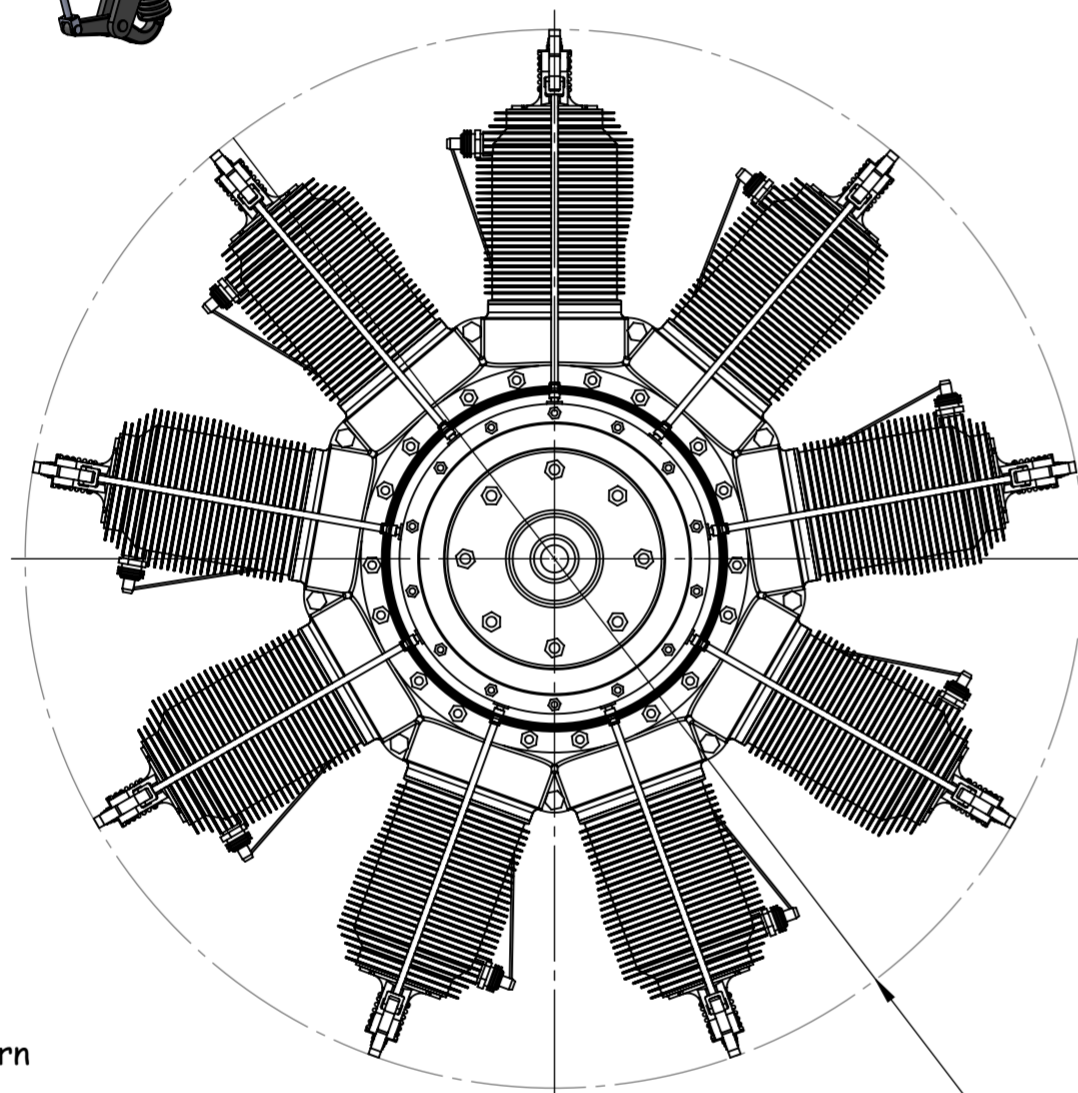


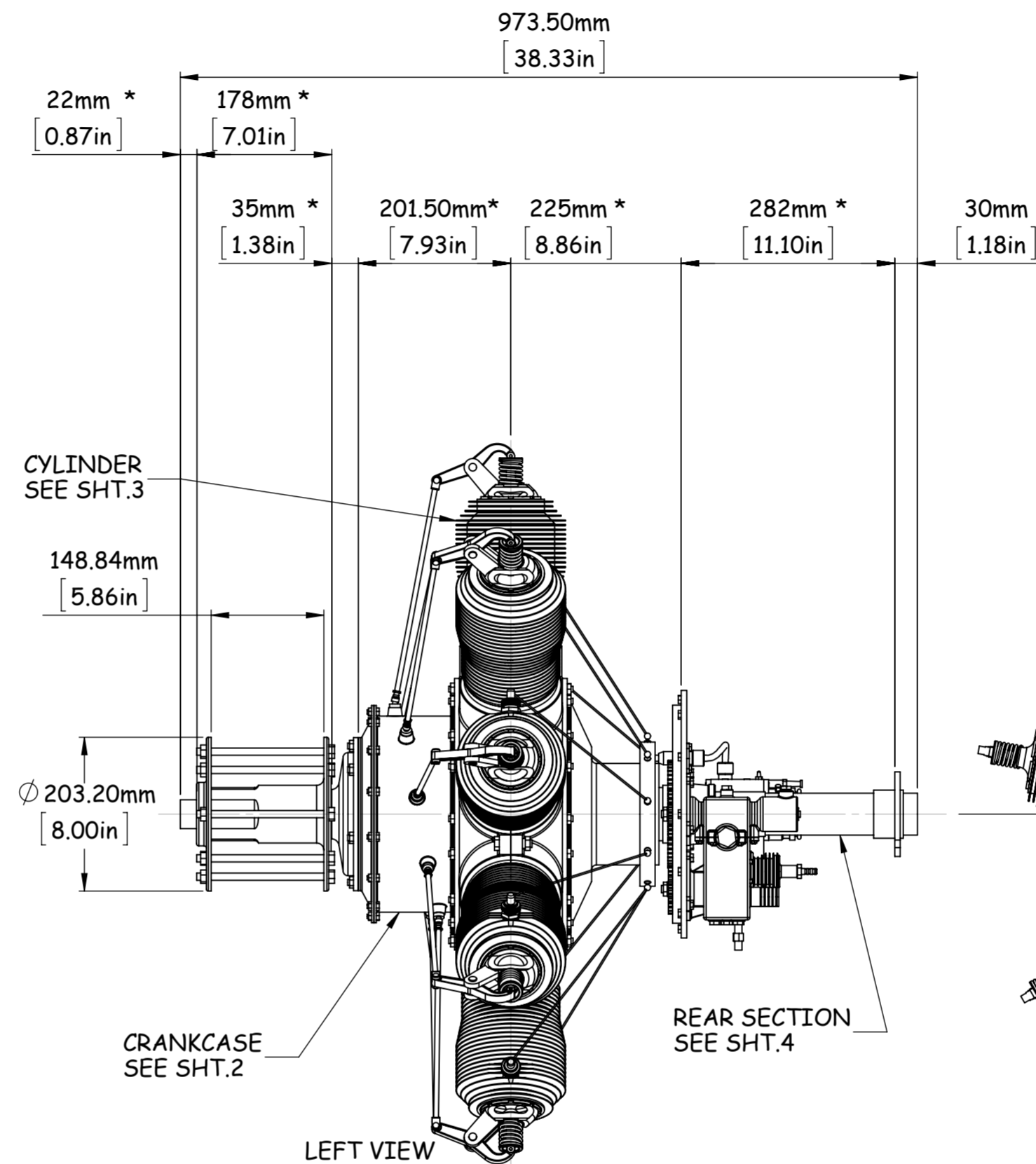
FORE-LEFT VIEW



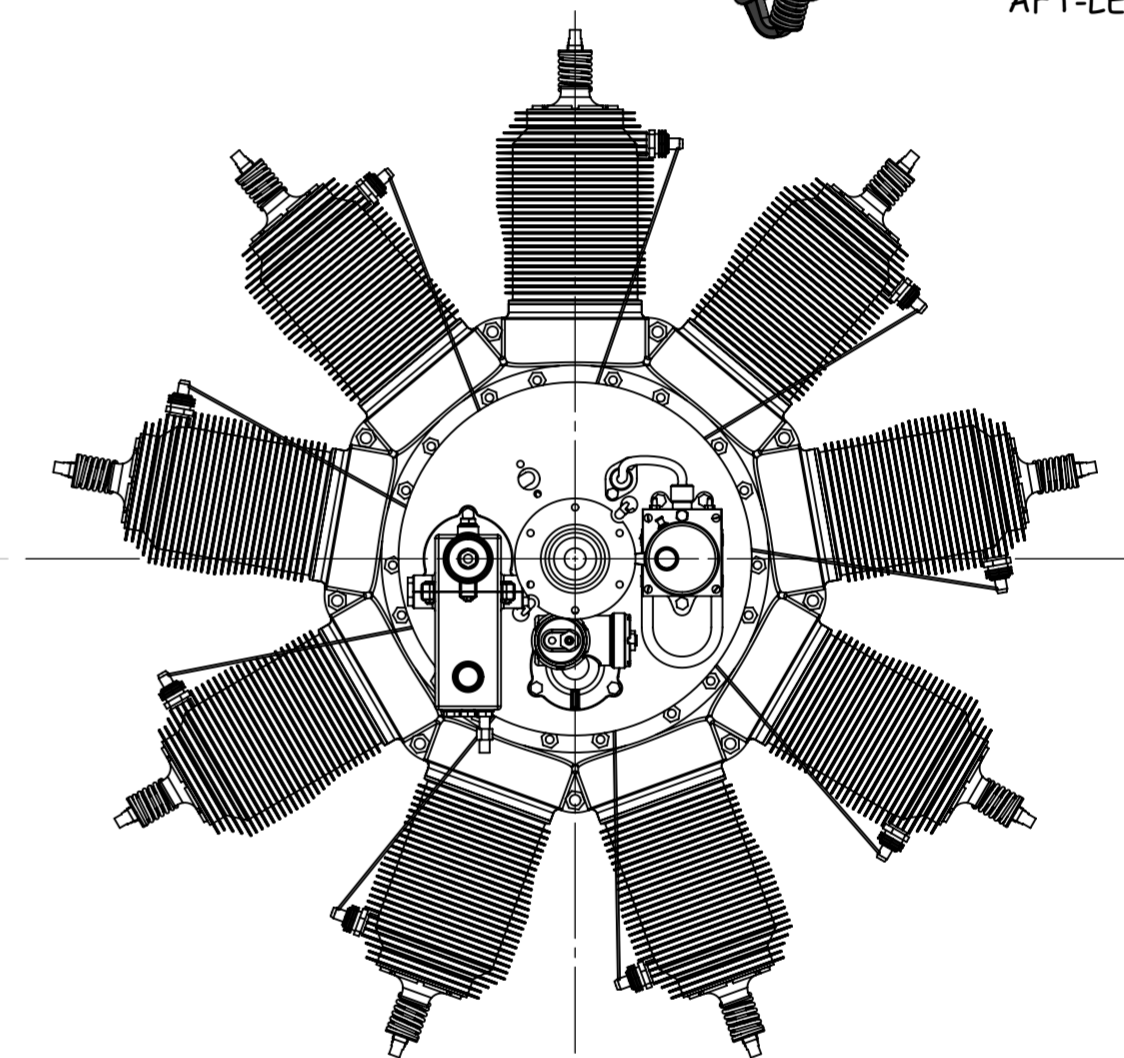
AFT-LEFT VIEW



FORE VIEW



LEFT VIEW



AFT VIEW

- APPLICATIONS:**
 Avro 504
 Airco DH.2
 Airco DH.5
 Blackburn Scout
 Blackburn Twin Blackburn
 Blackburn Triplane
 Bristol-Coanda T.B.8
 Bristol Scout
 FBA Type B Flying boat
 Nieuport IV
 Royal Aircraft Factory B.E.8
 Royal Aircraft Factory F.E.8
 Short S.80
 Short Type C
 Sopwith Sociable
 Sopwith Type 807 Folder Seaplane
 Sopwith Two-Seat Scout
 Sopwith Schneider
 Sopwith Pup
 Sopwith F.1 Camel
 Vickers Gunbus (FB.2, 3, 5, 6 and 7)
 Vickers F.B.12
 Vickers F.B.19 Bullet
 Yuriev-Cheremukhin TsAGI 1-EA helicopter, 1931-32

* - Denotes Dimension from
 "The Care of the 100hp Monosoupape Engine"

Ø 980mm*
 [38.58in]

Specifications: Monosoupape 9 Type B-2
 (Data from "The Care of the 100hp Monosoupape Engine")

General characteristics:
 Type: 9-cylinder, single-row, rotary engine
 Bore: 110 mm (4.3 in)
 Stroke: 150 mm (5.9 in)
 Displacement: 12.8 L (781.63 cu in)
 Length: 973.5 mm (38.33 in), Short Nose
 Diameter: 980 mm (38.6 in)
 Dry weight: 137.4 kg (303 lb)

Components:
 Valvetrain: Single overhead valve with cylinder ports
 Fuel type: 40-50 Octane petrol
 Oil system: Total loss, castor oil
 Cooling system: Air-cooled
 Reduction gear: Direct drive, right-hand tractor, left-hand pusher

Performance:
 Power output: 86 kW (115 hp) at 1,300 rpm (Maximum power)
 Compression ratio: 4.85:1

BUILT: 1916

RANDY HUFF IS A
 LIFE-TIME MEMBER OF THE
 AIRCRAFT ENGINE HISTORICAL SOCIETY
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NO.	REVISION/ CHANGE ORDER	DATE	BY	CHK'D
KEYSTONE CAD MODELING, LLC. "CAD Modeling History One Project at a Time"				
DRAWN: R. HUFF		PROJECT NAME:		
CHK'D:		GNOME MONOSOUPE 9B, 100HP		
ENGINE ASSEMBLY, (EXTERNAL ONLY)				
DATE: 12-11-2018		SHT NO: 1		
SCALE:				