ALTITUDE GRAPHS
Aircraft Reciprocating Engine Performance

Figures 1, 2, 3 and 4 illustrate the altitude graph sheets that are recommended as standard for the presentation of aircraft engine performance data. Two sizes, (8.5" x 11", and 11" x 19"), are shown for 25,000 and 50,000 feet altitude range respectively. These sheets contain a section which may be used either for presentation of sea level data or for other information. Each of these figures illustrates the desired arrangement of title block and other headings. The main title will normally specify the name of the engine manufacturer, such as, "_____ Aircraft Engine Performance". A space has also been left under the main title to permit insertion of any desired words regarding the nature of the power guarantee used by the particular engine manufacturer. Other detail changes to the curve titles or coordinate titles may be made at the discretion of the individual engine manufacturer.

AIRCRAFT ENGINE PERFORMANCE
AT STANDARD ATMOSPHERIC CONDITIONS WITH BEST POWER MIXTURE STRENGTHS UNLESS OTHERWISE SPECIFIED

MODEL
PROP. GEAR RATIO
COMP. RATIO
IMP. GEAR RATIO
IMPELLER DIAM.
FUEL   DATE
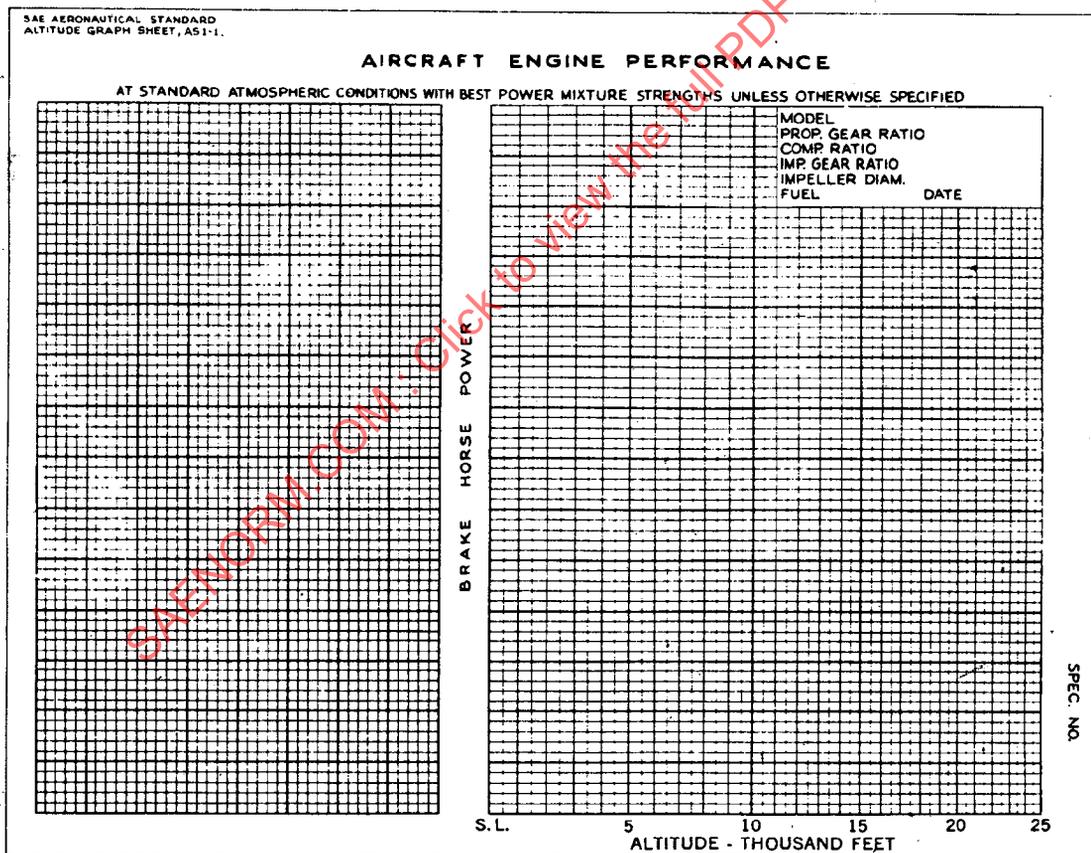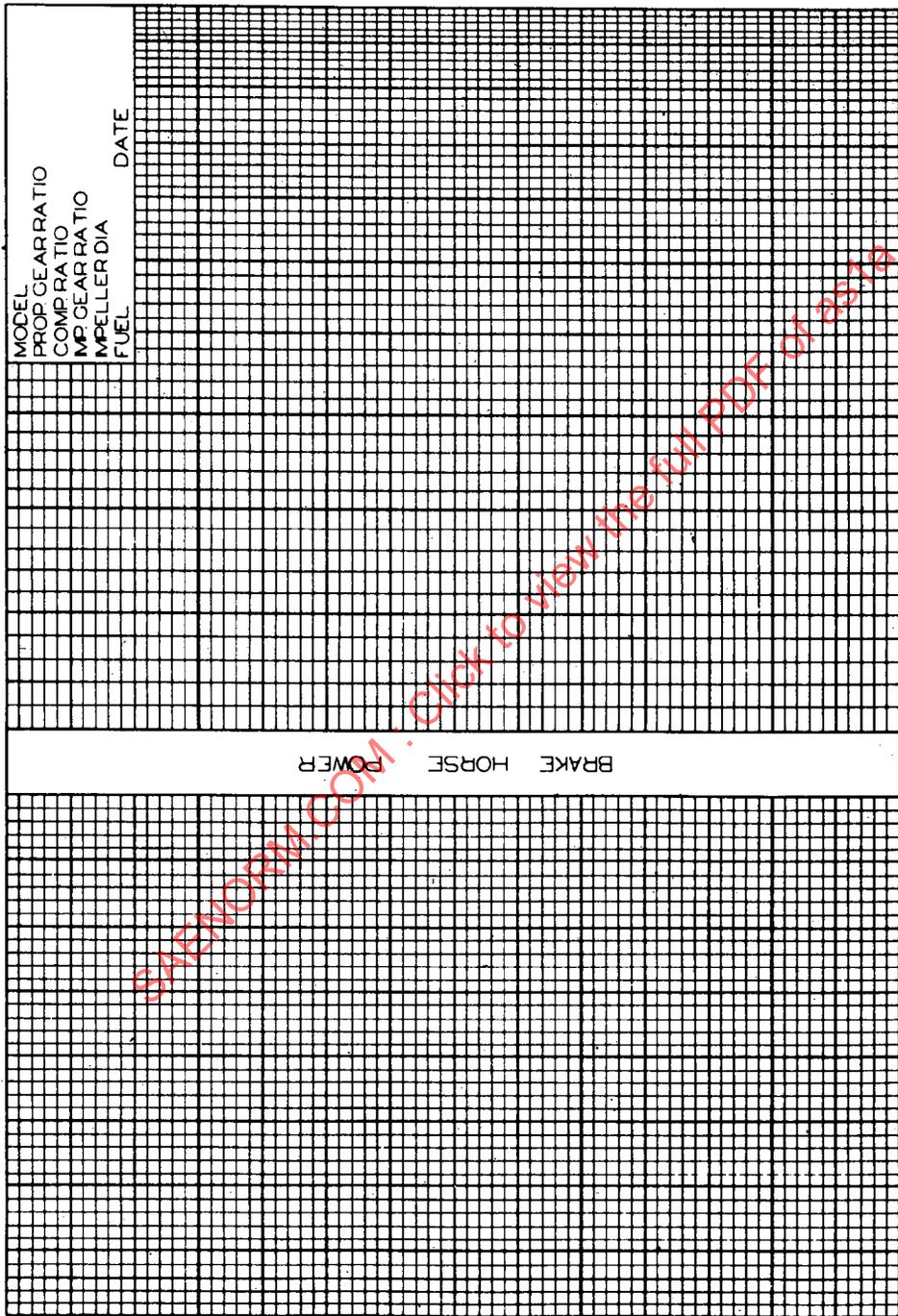
ALTITUDE GRAPH SHEET, AS1-1
8.5" x 11", Sea Level to 25,000 Feet Range
FIG. 1

ALTITUDE GRAPH SHEET, AS1-2
8.5" x 11", Sea Level to 50,000 Feet Range
FIG. 2
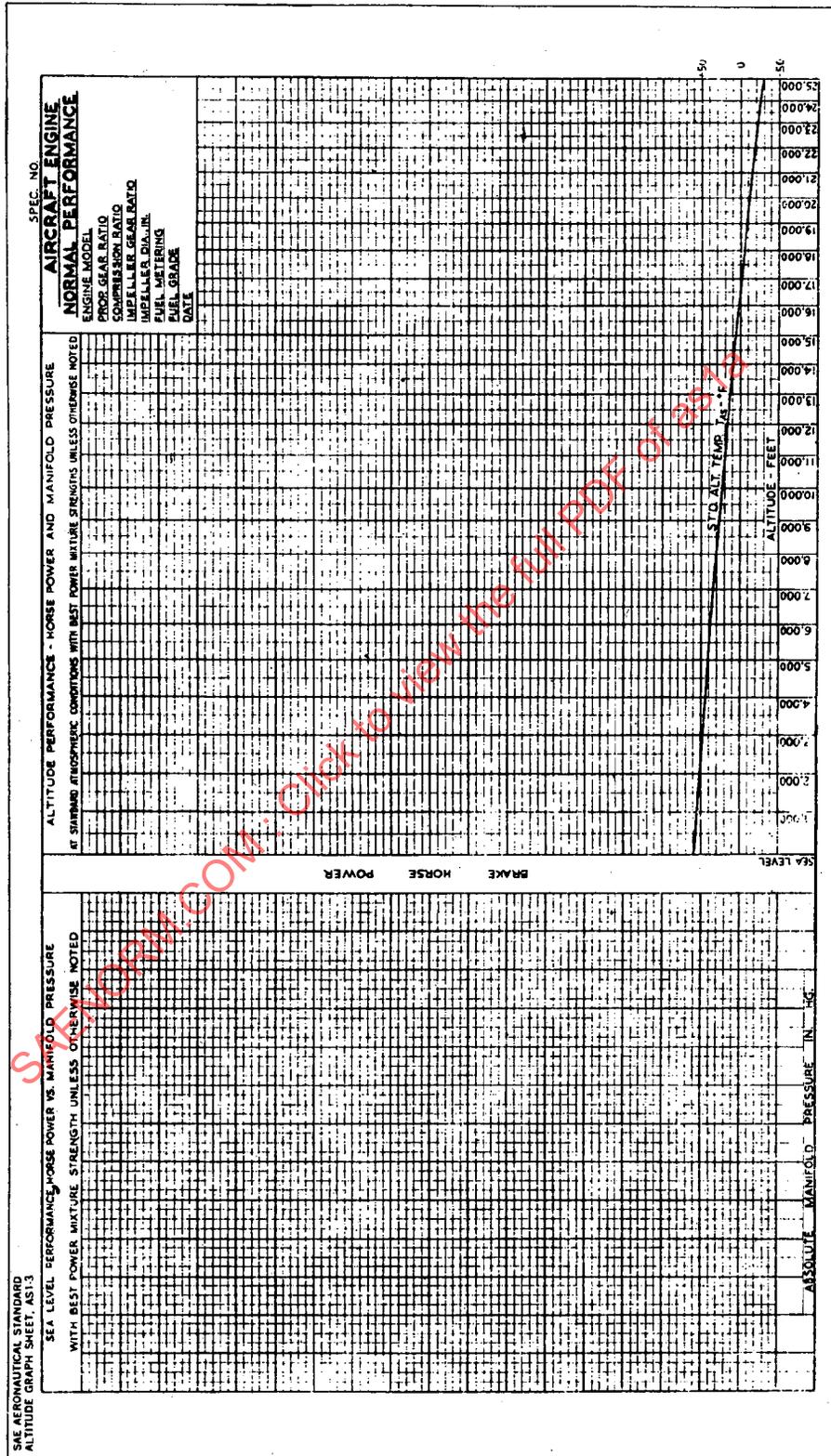
ALTITUDE GRAPH SHEET, AS1-3
11" x 19", Sea Level to 25,000 Feet Range
FIG. 3