

Figure 3-2. Power Curve – O-360-B, -D Series

PART THROTTLE FUEL CONSUMPTION  
LYCOMING MODEL O-360-C2B and -C2D

CARBURATOR, BENDIX-STROMBERG PSH-5BD  
FUEL, MINIMUM GRADE 91/96  
MIXTURE SETTING FULL RICH  
COMPRESSION RATIO 8.50:1  
SPARK TIMING 25° BTC  
OPERATING CONDITIONS STD. SEA LEVEL  
FUEL CONSUMPTION TOLERANCE +/- 4%  
OPERATION WITH EXTERNAL COOLING SUPPLY

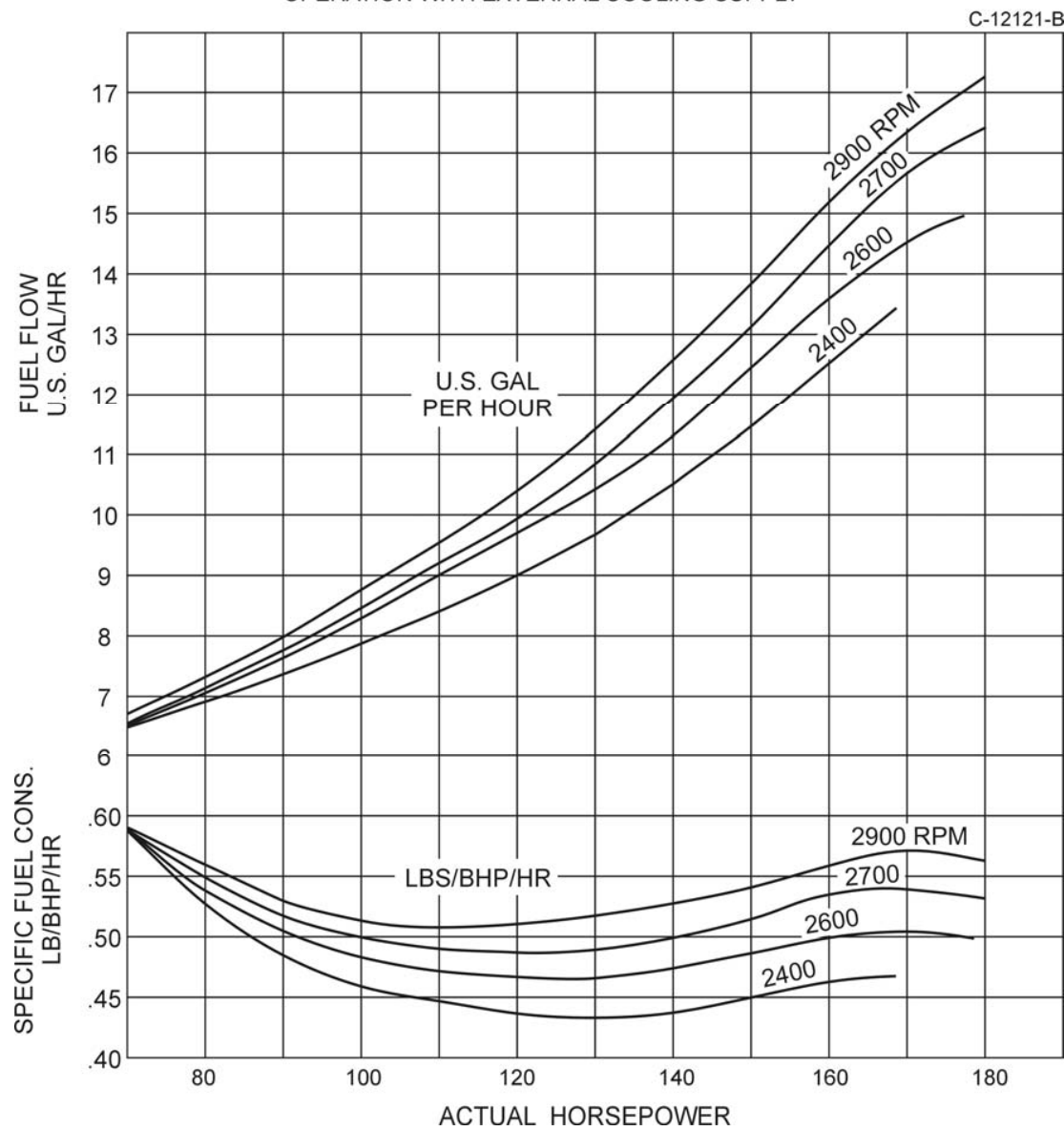


Figure 3-3. Part Throttle Fuel Consumption –  
O-360-C2B, -C2D

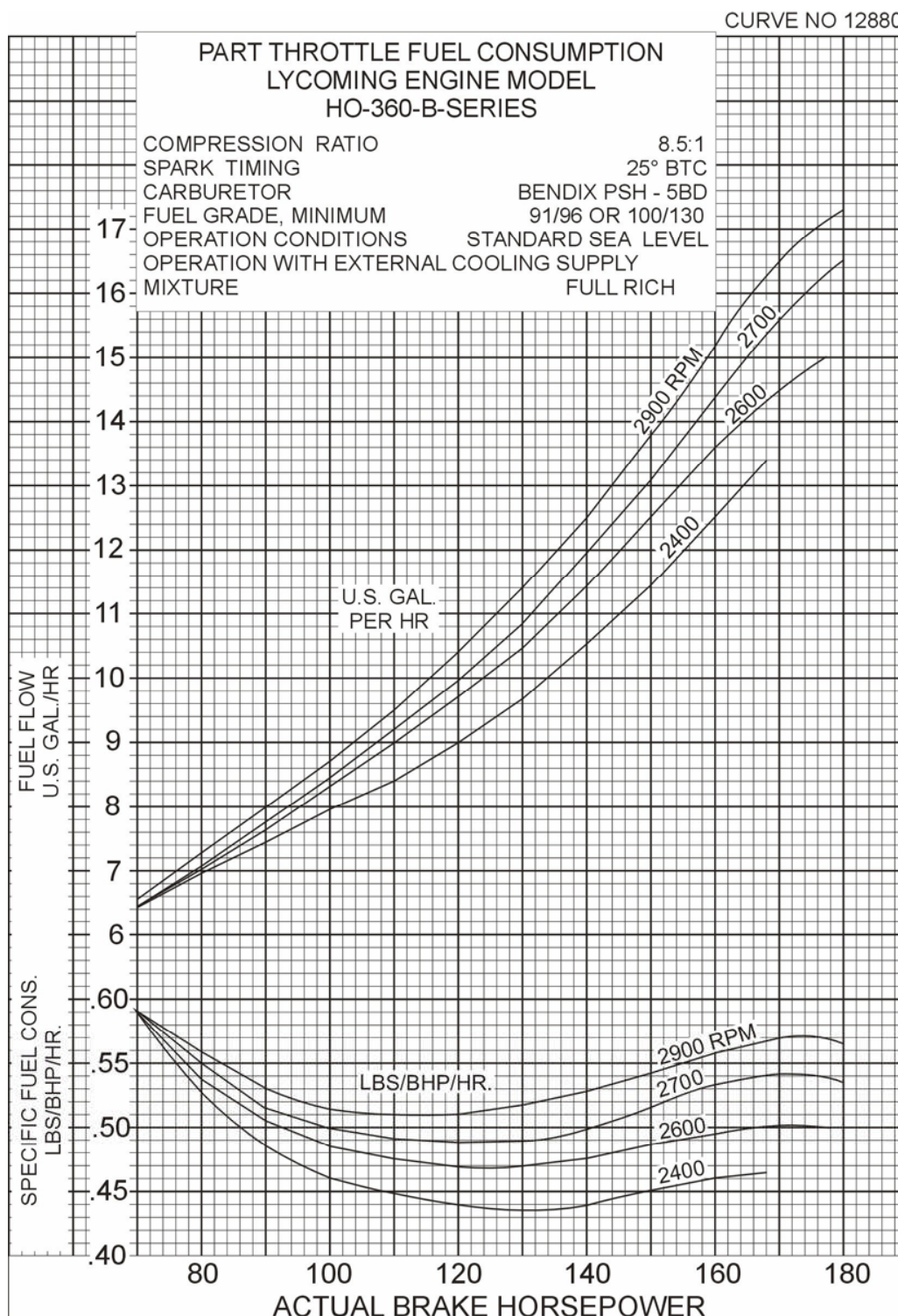


Figure 3-4. Part Throttle Fuel Consumption –  
HO-360-B Series

**SECTION 3**  
**OPERATING INSTRUCTIONS**

**LYCOMING OPERATOR'S MANUAL**  
**O-360 AND ASSOCIATED MODELS**

CURVE NO. 12699B

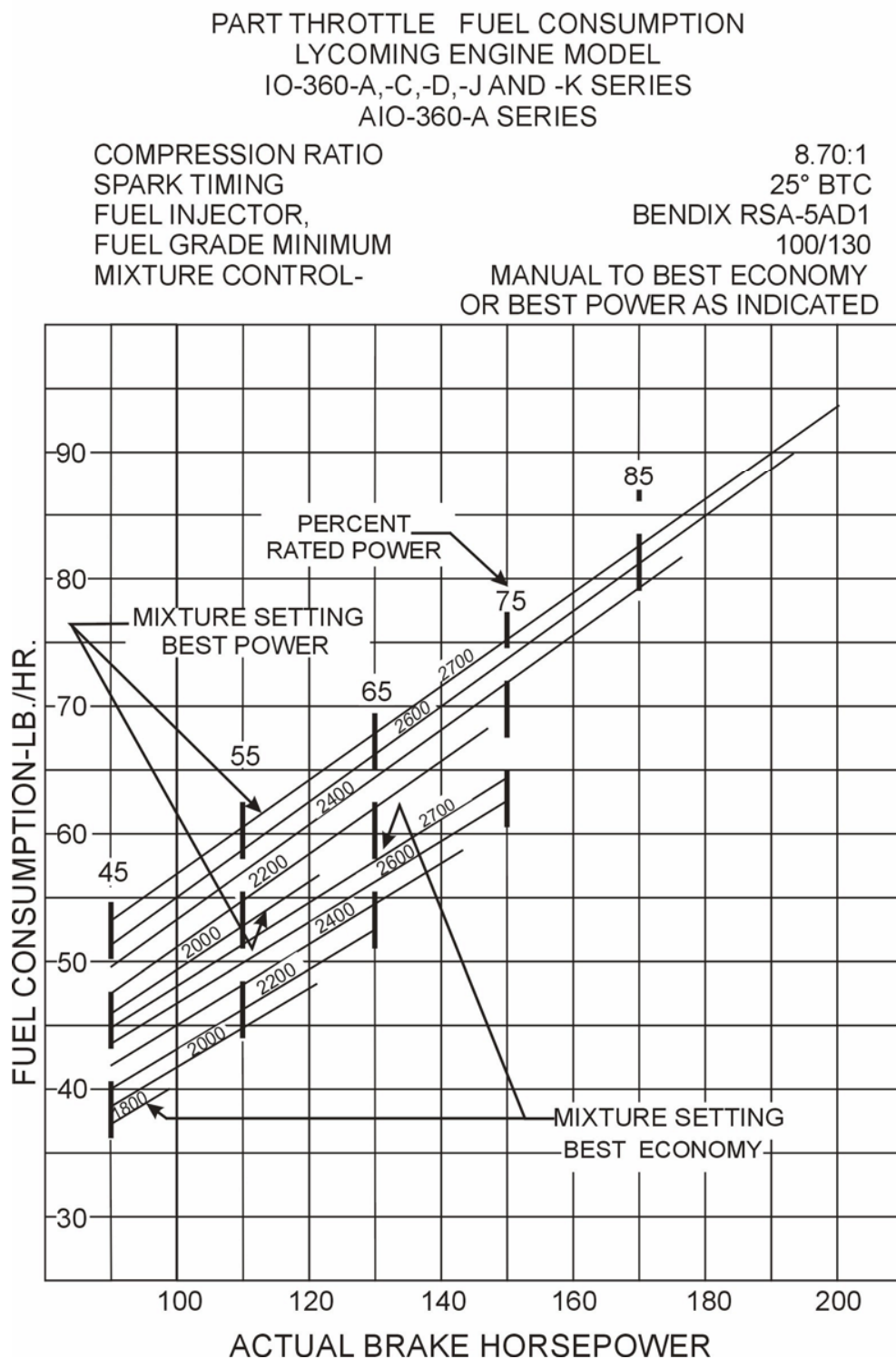


Figure 3-5. Part Throttle Fuel Consumption –  
IO-360-A, -C, -D, -J, -K; AIO-360 Series

CURVE NO. 12849-A

PART THROTTLE FUEL CONSUMPTION  
LYCOMING ENGINE MODEL  
IO-360-B,-E,-F AND M1A SERIES

COMPRESSION RATIO

8.50:1

SPARK TIMING

25° BTC

FUEL INJECTOR,  
MIXTURE CONTROL-

PAC TYPE RSA-5AD1

MANUAL TO BEST ECONOMY  
OR BEST POWER AS INDICATED

FUEL GRADE MINIMUM

91/96

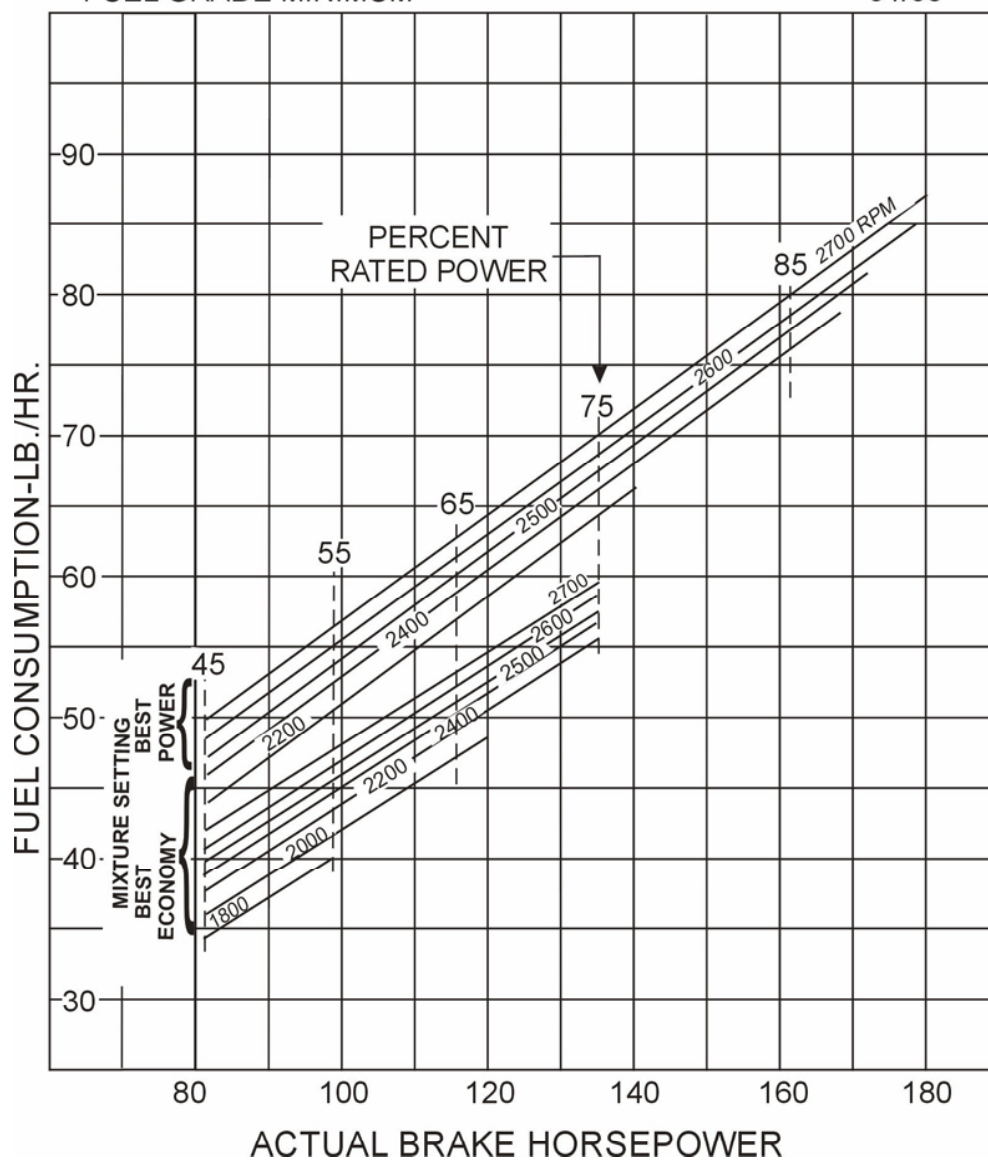


Figure 3-6. Part Throttle Fuel Consumption –  
IO-360-B, -E, -F, ♦, -M1B Series (Excepting IO-360-B1A, -B1C); HIO-360-G1A

♦ - For information pertaining to engine model (L)IO-360-M1A, refer to Operation and Installation Manual P/N 60297-36.



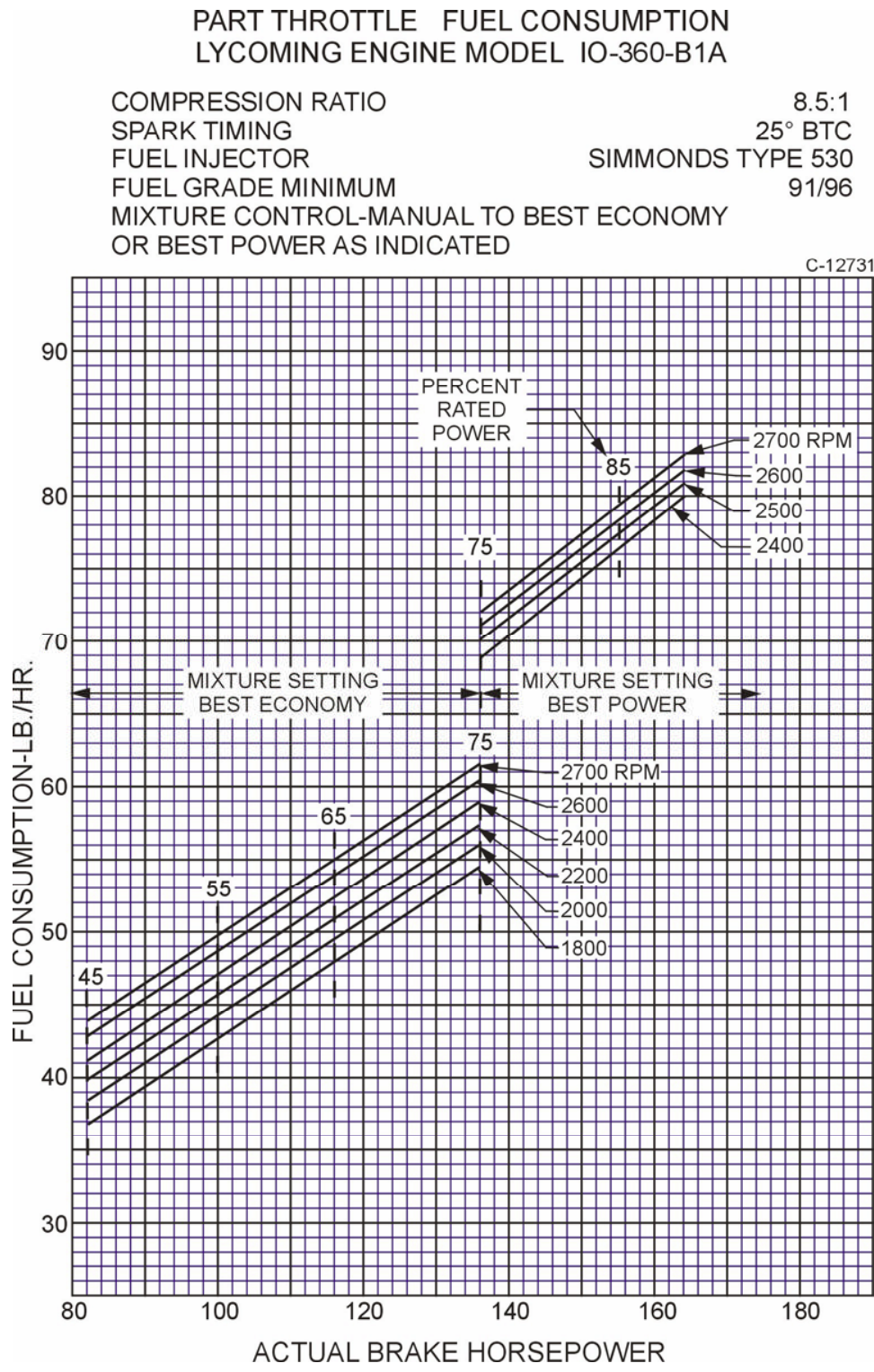


Figure 3-7. Part Throttle Fuel Consumption –  
IO-360-B1A

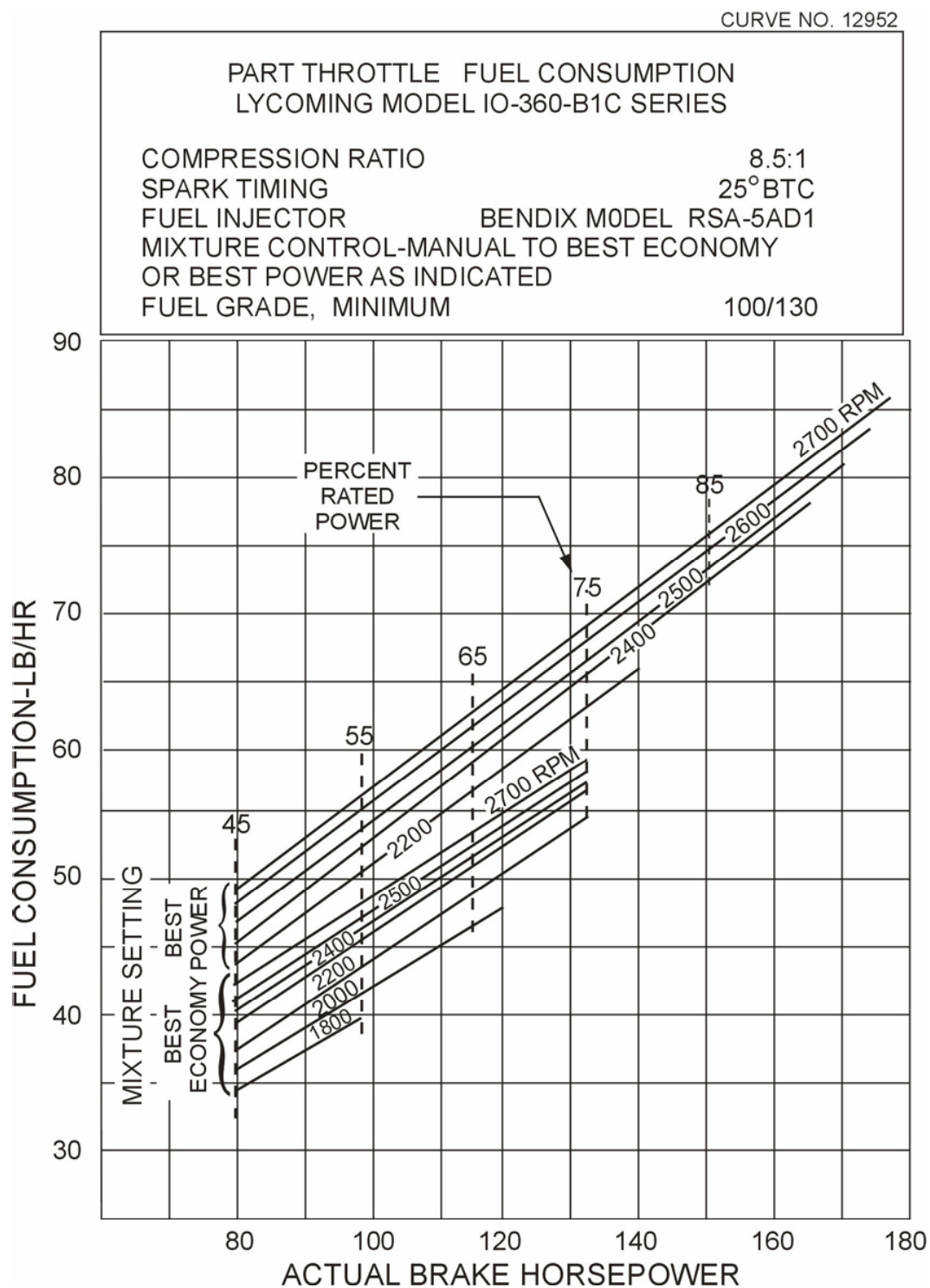


Figure 3-8. Part Throttle Fuel Consumption –  
IO-360-B1C

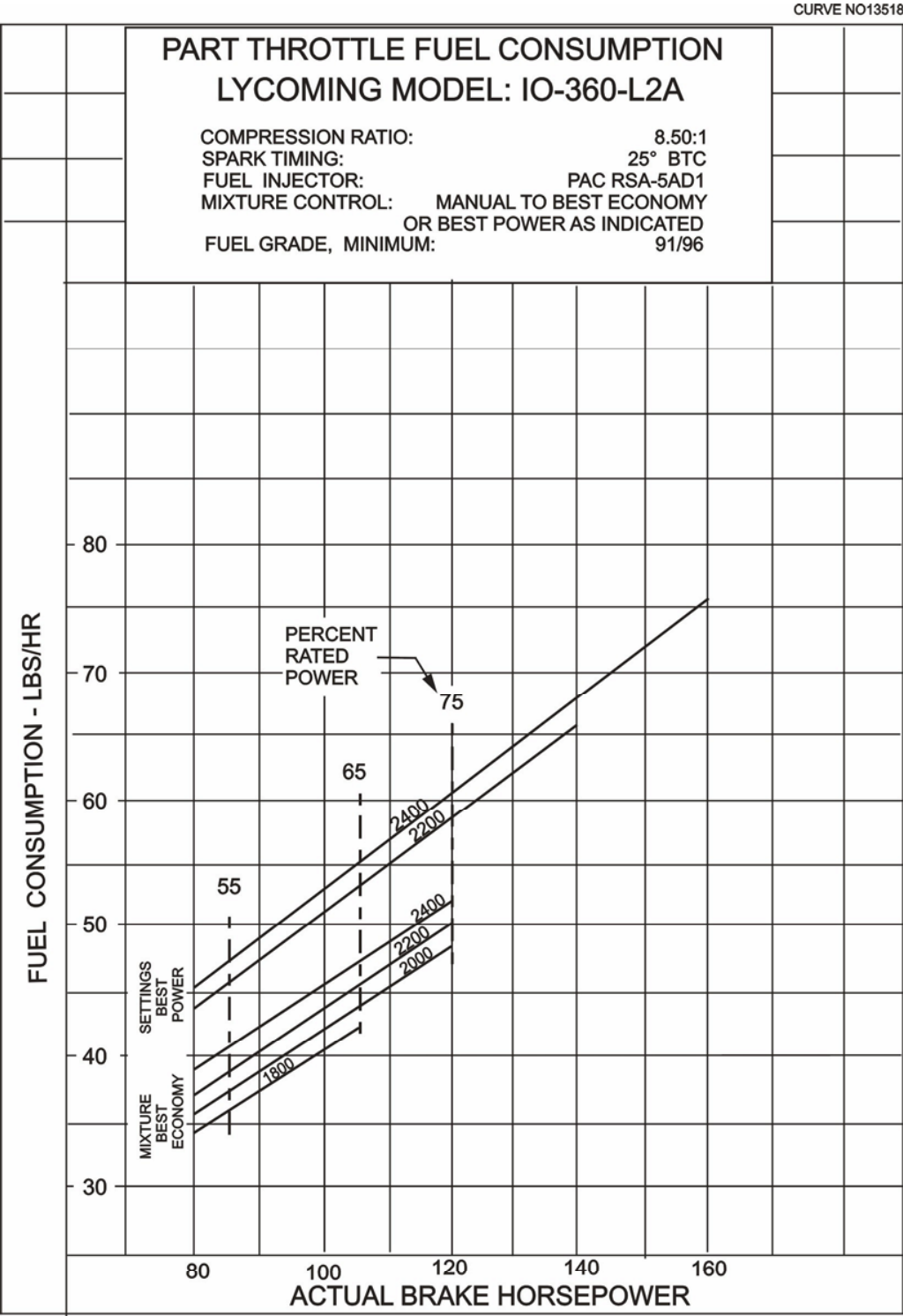


Figure 3-9. Part Throttle Fuel Consumption –  
IO-360-L2A



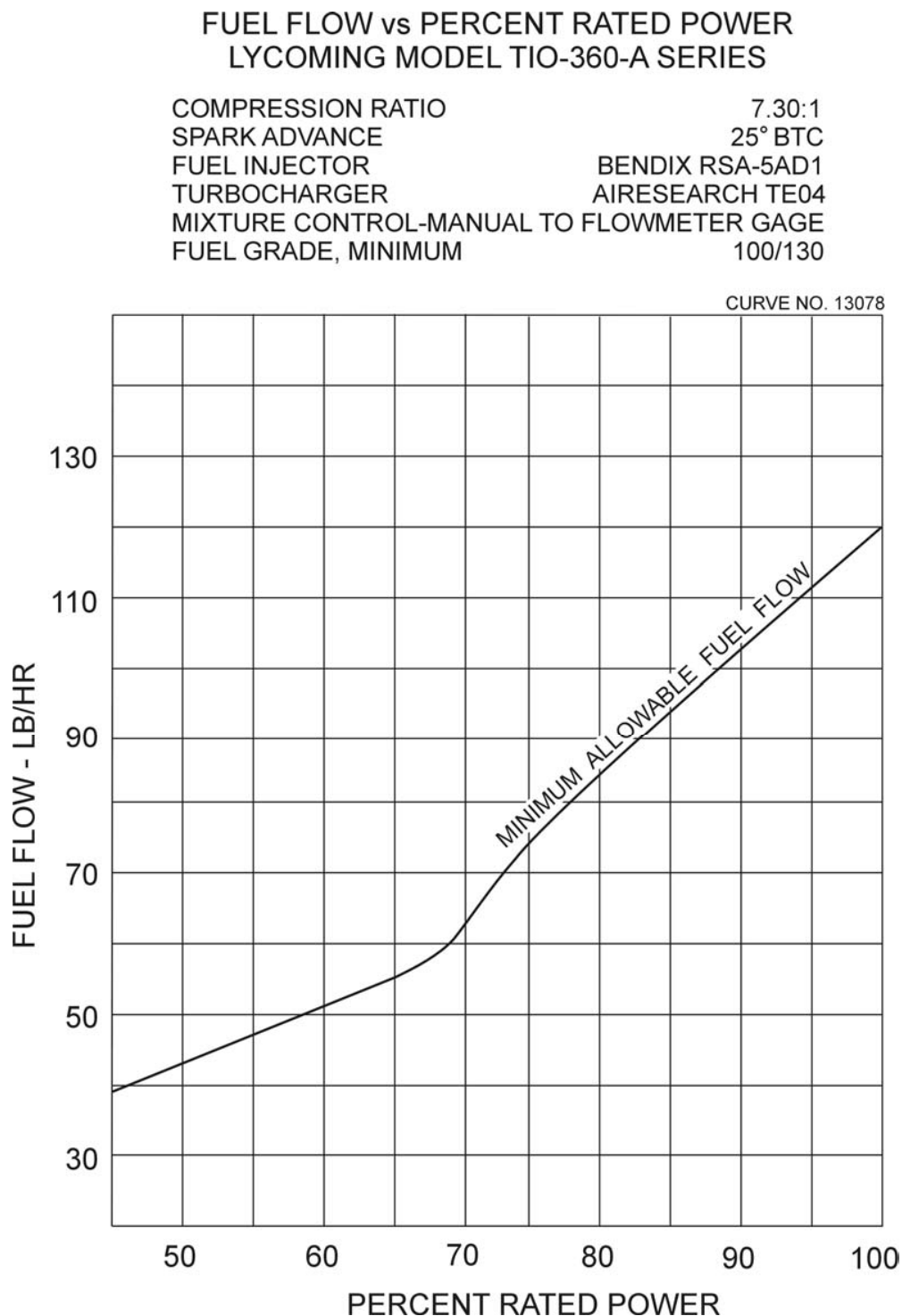


Figure 3-10. Fuel Flow vs Percent Rated Power –  
TIO-360-A Series

LYCOMING HIO-360-D SERIES  
ENGINE SPEED 3200 RPM  
MANUAL MIXTURE CONTROL TO FLOW METER GAGE

CURVE NO. 13063-A

| PERCENT RATED POWER | FUEL FLOW - LB/HR |
|---------------------|-------------------|
| 45                  | 47                |
| 50                  | 49                |
| 55                  | 52                |
| 60                  | 55                |
| 65                  | 59                |
| 70                  | 63                |
| 75                  | 69                |
| 80                  | 76                |
| 85                  | 82                |
| 90                  | 86                |
| 95                  | 90                |
| 100                 | 93                |

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