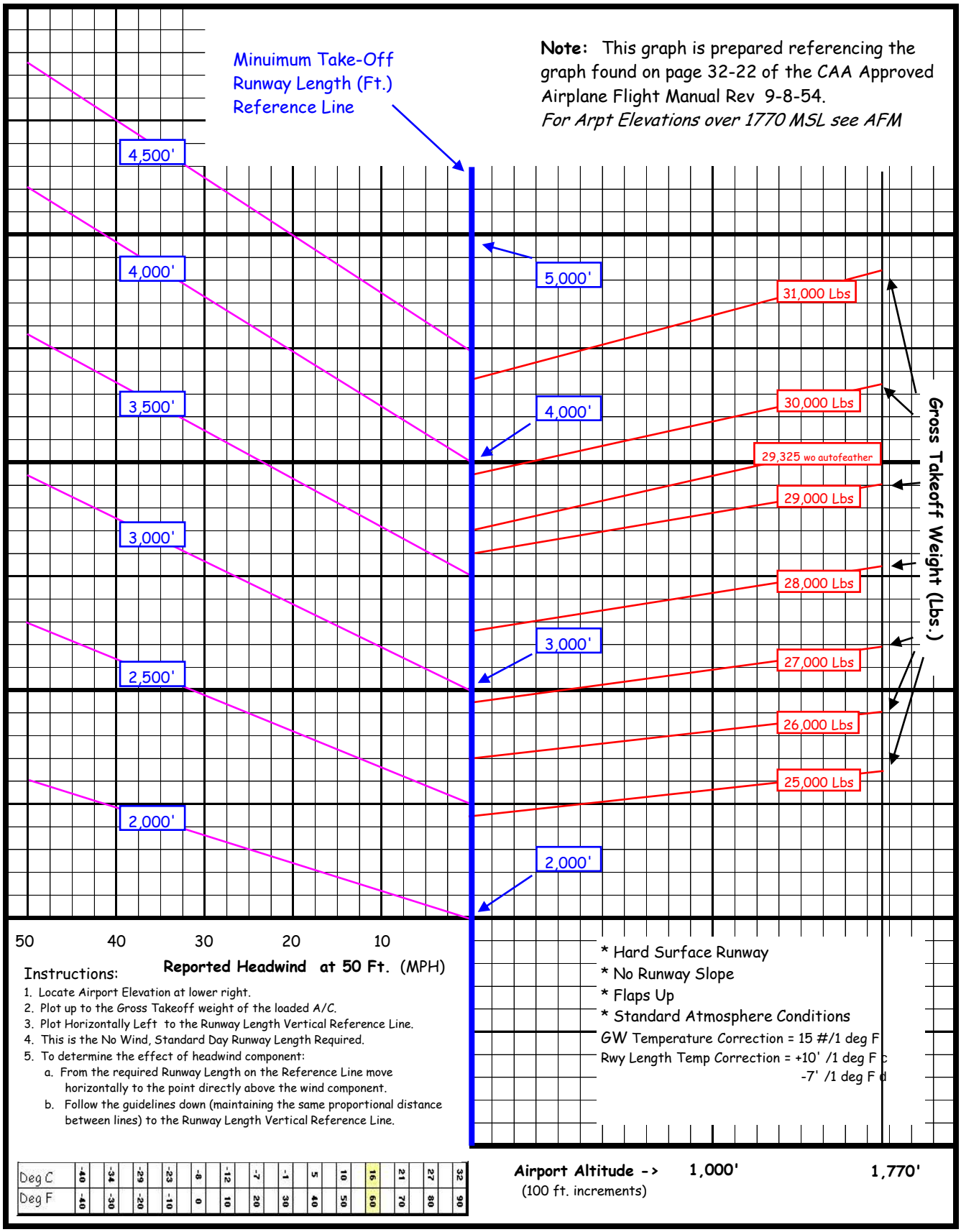
Wright 1820-80 Engines
T.O. Rating 1475 BHP

Model Super DC-3
Take-Off Performatnc
Minimum Take-Off Runway Length

Hamilton Standard E23 Props
Autofeather Operational



Note: This graph is prepared referencing the graph found on page 32-22 of the CAA Approved Airplane Flight Manual Rev 9-8-54.
For Arpt Elevations over 1770 MSL see AFM

Instructions:

1. Locate Airport Elevation at lower right.
2. Plot up to the Gross Takeoff weight of the loaded A/C.
3. Plot Horizontally Left to the Runway Length Vertical Reference Line.
4. This is the No Wind, Standard Day Runway Length Required.
5. To determine the effect of headwind component:
   a. From the required Runway Length on the Reference Line move horizontally to the point directly above the wind component.
   b. Follow the guidelines down (maintaining the same proportional distance between lines) to the Runway Length Vertical Reference Line.