



Smithsonian Institution

Smithsonian National Air and Space Museum Archives

New York Airways Collection - Manuals, Flight Operations Manual (2 of 2), 1959

Extracted on Apr-23-2024 04:27:53

The Smithsonian Institution thanks all digital volunteers that transcribed and reviewed this material. Your work enriches Smithsonian collections, making them available to anyone with an interest in using them.

The Smithsonian Institution (the "Smithsonian") provides the content on this website (transcription.si.edu), other Smithsonian websites, and third-party sites on which it maintains a presence ("SI Websites") in support of its mission for the "increase and diffusion of knowledge." The Smithsonian invites visitors to use its online content for personal, educational and other non-commercial purposes. By using this website, you accept and agree to abide by the [following terms](#).

- If sharing the material in personal and educational contexts, please cite the Smithsonian National Air and Space Museum Archives as source of the content and the project title as provided at the top of the document. Include the accession number or collection name; when possible, link to the Smithsonian National Air and Space Museum Archives website.
- If you wish to use this material in a for-profit publication, exhibition, or online project, please contact Smithsonian National Air and Space Museum Archives or transcribe@si.edu

For more information on this project and related material, contact the Smithsonian National Air and Space Museum Archives. [See this project](#) and other collections in the Smithsonian Transcription Center.

NEW YORK AIRWAYS

6.2 OPERATING LIMITATIONS, V-44 - Continued

- a. Takeoff (100/130 octane fuel -- 52.5 inches Hg, red radial line
- b. Takeoff (100/130 octane fuel -- 47.5 to 52.5 inches Hg, yellow arc.
- c. Normal operating -- 20 to 47.5 inches Hg, green arc.

9. Engine Oil Pressure:

- a. Maximum -- 90 psi, red radial line.
- b. Normal operating -- 65 to 75 psi, green arc.
- c. Minimum -- 50 psi, red radial line.

10. Fuel Pressure:

- a. Maximum -- 28 psi, red radial line.
- b. Normal operating -- 21 to 27 psi, green arc.
- c. Minimum -- 19 psi, red radial line.

11. Transmission Oil Pressure:

- a. Maximum -- 85 psi, red radial line
- b. Normal operating -- 20 to 85 psi, green arc.
- c. Minimum -- 20 psi, red radial line.

12. Hydraulic Boost Pressure:

- a. Maximum -- 1150 psi, red radial line.
- b. Normal operating -- 900 to 1100 psi, green arc.
- c. Minimum -- 800 psi, red radial line.

SPEED LIMITATIONS

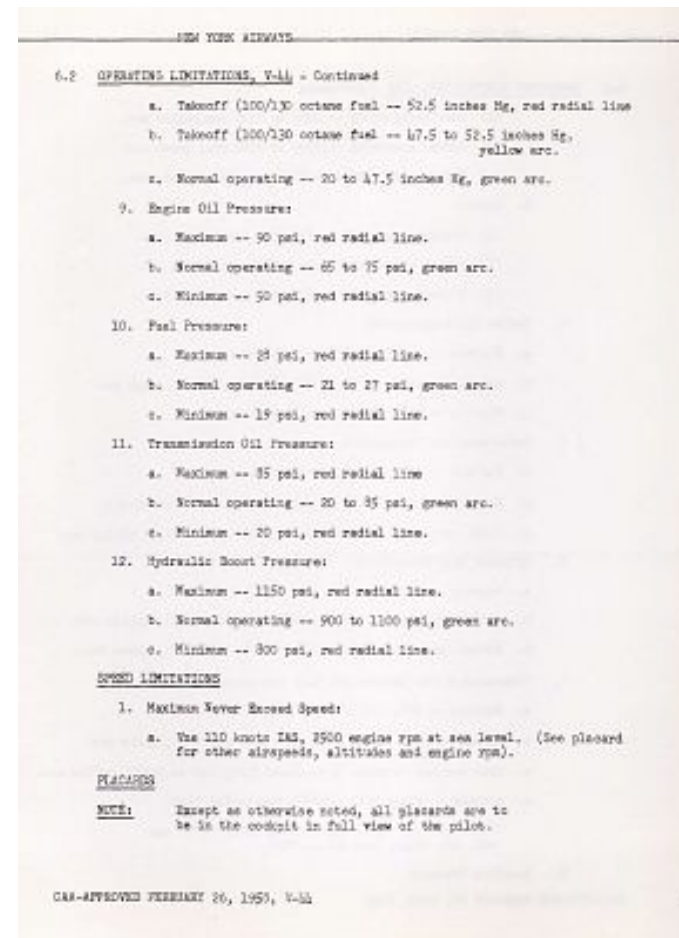
1. Maximum Never Exceed Speed:

- a. Vne 110 knots IAS, 2500 engine rpm at sea level. (See placard for other airspeeds, altitudes and engine rpm).

PLACARDS

NOTE: Except as otherwise noted, all placards are to be in the cockpit in full view of the pilot.

CAA-APPROVED FEBRUARY 26, 1958, V-44 8





Smithsonian Institution

Smithsonian National Air and Space Museum Archives

The mission of the Smithsonian is the increase and diffusion of knowledge - shaping the future by preserving our heritage, discovering new knowledge, and sharing our resources with the world. Founded in 1846, the Smithsonian is the world's largest museum and research complex, consisting of 19 museums and galleries, the National Zoological Park, and nine research facilities. Become an active part of our mission through the Transcription Center. Together, we are discovering secrets hidden deep inside our collections that illuminate our history and our world.

Join us!

The Transcription Center: <https://transcription.si.edu>

On Facebook: <https://www.facebook.com/SmithsonianTranscriptionCenter>

On Twitter: [@TranscribeSI](https://twitter.com/TranscribeSI)

Connect with the Smithsonian

Smithsonian Institution: www.si.edu

On Facebook: <https://www.facebook.com/Smithsonian>

On Twitter: [@smithsonian](https://twitter.com/smithsonian)