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

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6.2 OPERATING LIMITATIONS, V-44 - Continued)

1. This helicopter must be operated in compliance with the operating limitations specified in the CAA Approved Rotorcraft Flight Manual.

2. Clutch engaging light. Do not start with light on except in flight.

3. Never exceed speed. For variation of Vne speed with altitude and rpm see placard below.

Variation of Vne with RPM and Density Altitude

[[5 column table]]
Altitude	2700 RPM	2500 RPM	2400 RPM	2300 RPM
SL		110	101	93
2000		97	89	81
4000		85	77	69
6000		73	65	-
8000		60	60	-
*10,000		60	60	-

Vne in IAS KNOTS

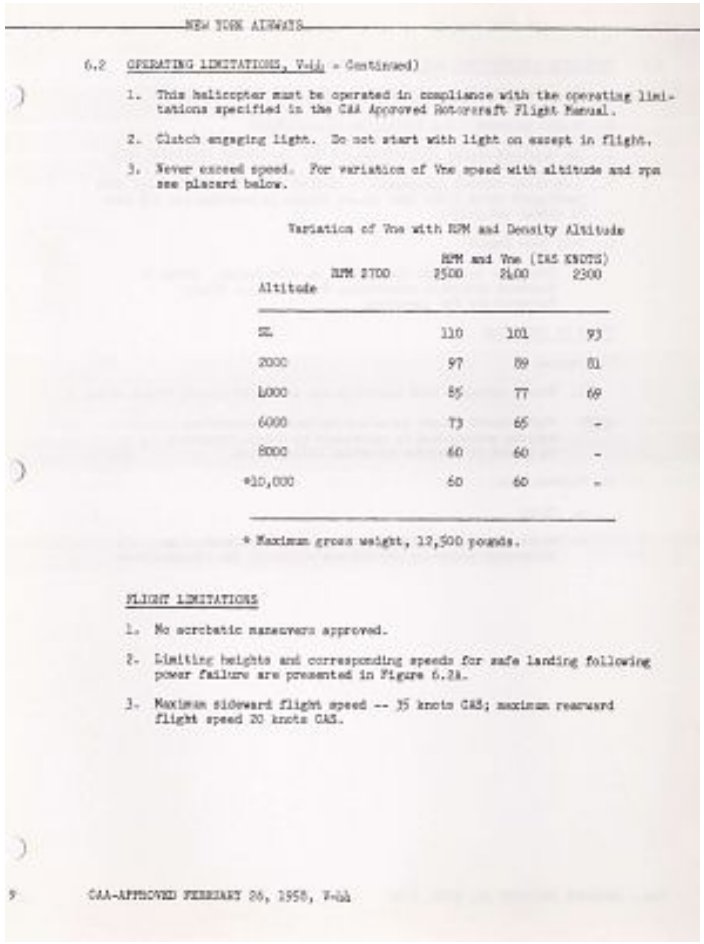
*Maximum gross weight, 12,500 pounds.

FLIGHT LIMITATIONS

1. No acrobatic maneuvers approved.

2. Limiting heights and corresponding speeds for safe landing following power failure are presented in Figure 6.2A.

3. Maximum sideward flight speed -- 35 knots CAS; maximum rearward flight speed 20 knots CAS.



NEW YORK AIRWAYS

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Variation of Vne with RPM and Density Altitude

Altitude	RPM 2700	RPM and Vne (IAS KNOTS) 2500	2400	2300
SL		110	101	93
2000		97	89	81
4000		85	77	69
6000		73	65	-
8000		60	60	-
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9 CAA-APPROVED FEBRUARY 26, 1958, V-44

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