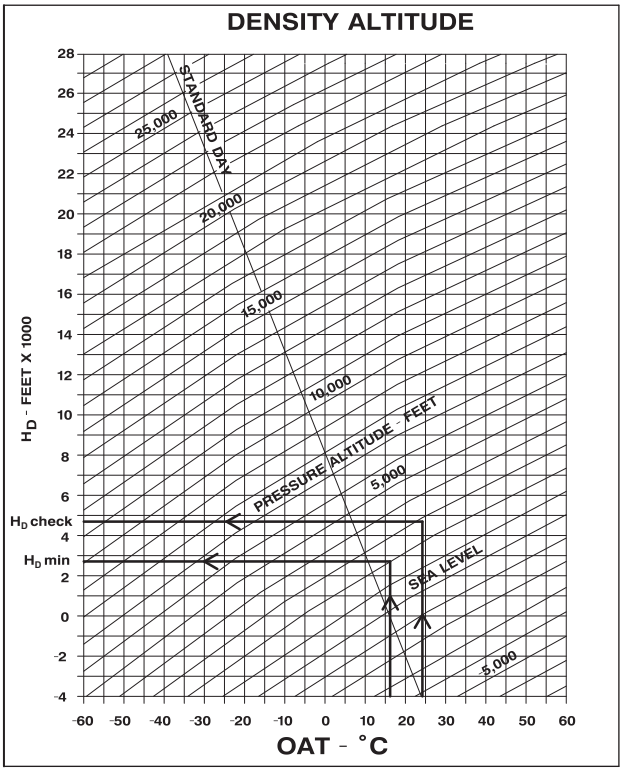
Determining $H_D$min:

$H_P$min =	2000 feet
OATmin =	17°C
$H_D$min =	**2700 feet** (Calculated from Density Altitude chart, Figure 18-4A)

Auto N_R check:

$H_P$check =	3000 feet
OATcheck =	24°C
$H_D$check =	4700 feet (Calculated from Density Altitude chart, Figure 18-4A)
ΔH_D **= (**$H_D$check - $H_D$min) =	4700 - 2700 **= 2000 feet** ΔH_D
Test Gross weight =	7224 pounds
GW min =	6724 pounds
Delta Gross Weight =	**+500 pounds**

Target N_R = **96.2%**



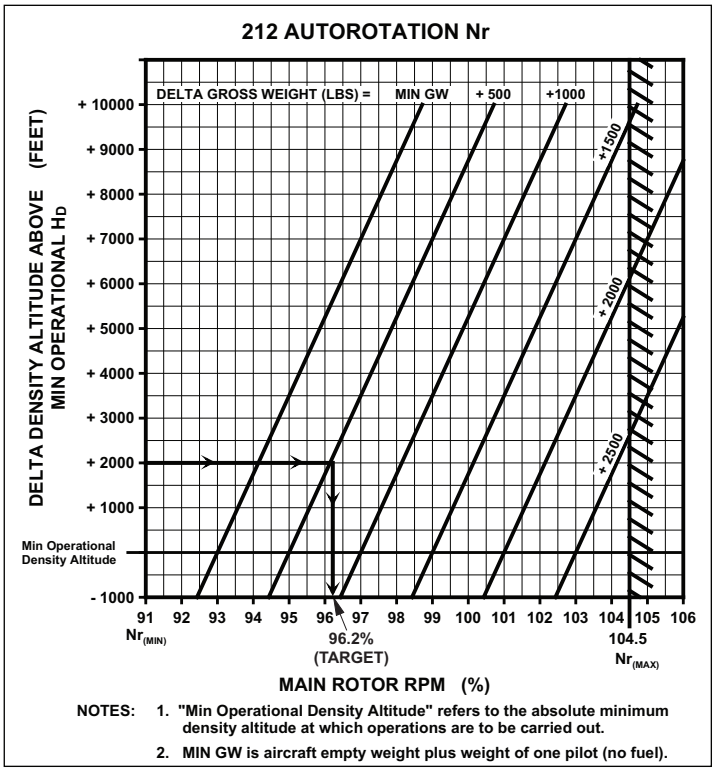


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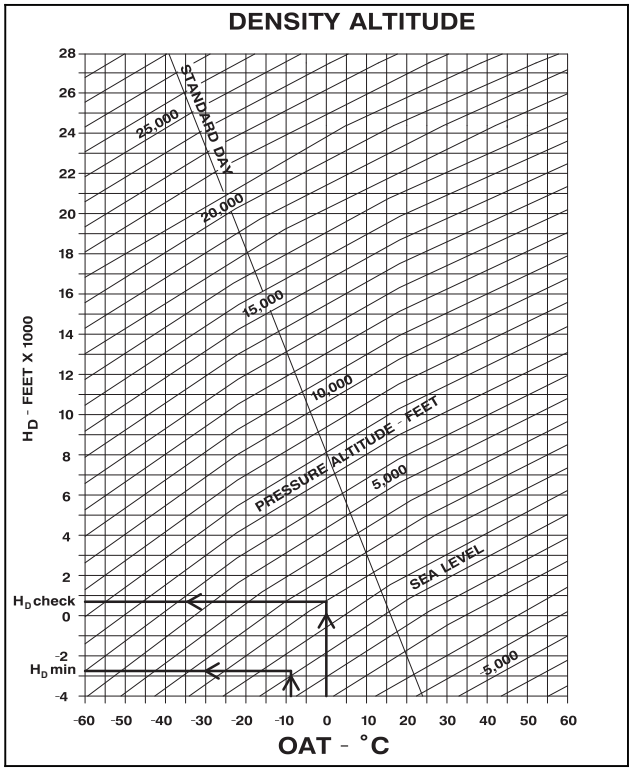
Figure 18-4C. Autorotation RPM Adjustment — Example (Sheet 1 of 2)

Determining $H_D$min:

$H_P$min =	Sea level
OATmin =	-8°C
$H_D$min =	**-2900 feet** (Calculated from Density Altitude chart, Figure 18-4A)

Auto N_R check:

$H_P$check =	2000 feet
OATcheck =	0°C
$H_D$check =	650 feet (Calculated from Density Altitude chart, Figure 18-4A)
ΔH_D **= (**$H_D$check - $H_D$min) =	650 minus -2900 **= 3550 feet** ΔH_D
Test Gross weight =	7724 pounds
GW min =	6724 pounds
Delta Gross Weight =	**+1000 pounds**
Target N_R =	**99%**



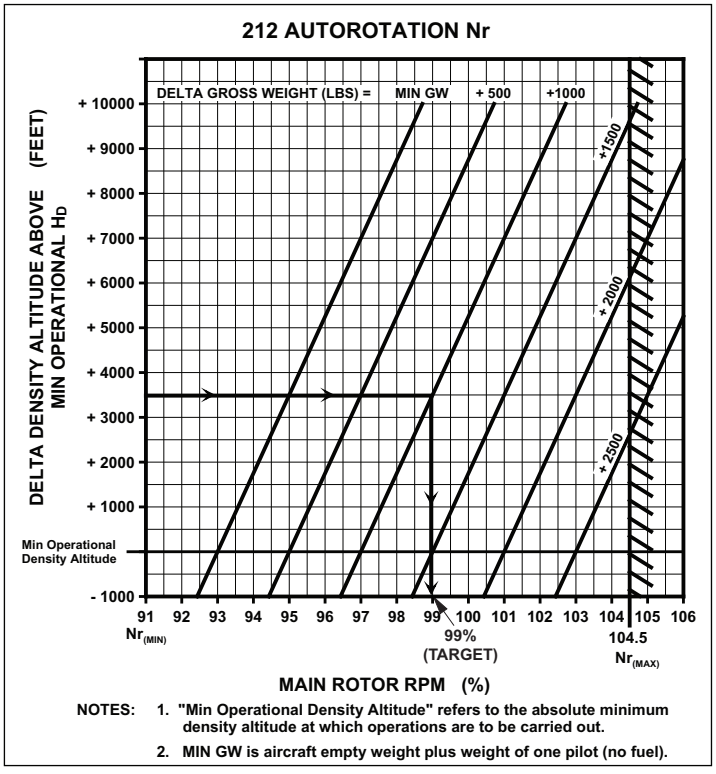


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Figure 18-4C. Autorotation RPM Adjustment — Example (Sheet 2 of 2)