THERE ARE MORE CESSNAS FLYING THAN ANY OTHER MAKE ssna. U T337 ALES AND SER Turbo-System 968 PER SIKYMASTER 1968 OWNER'S MANUAL WORLD'S LARGEST PRODUCER OF GENERAL AVIATION AIRCRAFT SINCE 1956

PERFORMANCE - SPECIFICATIONS

GROSS WEIGHT: 4500 lbs 4100 lbs Take-Off 4400 lbs 4100 lbs SPEED, BST POWER MIXTURE: 231 mph 232 mph Cruise, 755; Power at 24,000 ft 224 mph 235 mph Cruise, 755; Power at 24,000 ft 224 mph 235 mph RANGE, NORMAL LEAN MIXTURE: 860 mi 865 mi 92 Gallons, No Reserve 3.9 hrs 3.9 hrs Cruise, 755; Power at 24,000 ft 750 mi 755 mi 92 Gallons, No Reserve 194 mph 125 mph Cruise, 757; Power at 24,000 ft 1200 mi 150 mph 128 Gallons, No Reserve 5.4 hrs 5.4 hrs Cruise, 757; Power at 24,000 ft 1404 mi 1150 mph 128 Gallons, No Reserve 5.4 hrs 5.4 hrs 0ptimum Range at 24,000 ft 1404 mi 1160 mi 128 Gallons, No Reserve 6.8 hrs 7.1 hrs 0ptimum Range at 10,000 ft 1990 mi 137 mph 128 Gallons, No Reserve 140 mi 150 mi 128 Gallons, No Reserve 156 mph 150 mi 128 Gallons, No Reserve 168 mph 168 mph 128 Gallons, No		Turbo-System	Super Skymaste
Take-Off 4500 lbs 4100 lbs SPEED, BEST POWER MIXTURE: 4400 lbs 4100 lbs Top Speed at 20,000 ft 231 mph 232 mph Cruise, 755; Power at 24,000 ft 155 mph 196 mph RANCE, NORMAL LEAN MIXTURE: 195 mph 196 mph Cruise, 757; Power at 24,000 ft 860 mi 855 mi 92 Gallons, No Reserve 22 mph 223 mph Cruise, 757; Power at 24,000 ft 1200 mi 155 mph 128 Gallons, No Reserve 3.9 hrs 3.9 hrs 128 Gallons, No Reserve 5.4 hrs 5.4 hrs Cruise, 757; Power at 24,000 ft 1200 mi 1205 ml 128 Gallons, No Reserve 5.4 hrs 5.4 hrs Cruise, 757; Power at 10,000 ft 1200 mi 1000 mi 128 Gallons, No Reserve 7.2 hrs 7.5 hrs Optimum Range at 24,000 ft 1140 mi 1180 mi 92 Gallons, No Reserve 7.2 hrs 7.5 hrs Optimum Range at 24,000 ft 1380 mi 168 mph 92 Gallons, No Reserve 7.2 hrs 7.5 hrs 92 Gallo	GROSS WEIGHT:		
Landing 4400 lbs 4100 lbs SPEED, BST POWER MIXTURE: 231 mph 232 mph Cruise, 75% Power at 20,000 ft 224 mph 225 mph Cruise, 75% Power at 24,000 ft 224 mph 235 mph RANGE, NORMAL LEAN MIXTURE: 195 mph 196 mph RANGE, NORMAL LEAN MIXTURE: 860 mi 865 mi Cruise, 75% Power at 10,000 ft 750 mi 753 mi 92 Gallons, No Reserve 3.9 hrs 3.9 hrs 3.9 hrs 222 mph 223 mph 195 mph 195 mph Cruise, 75% Power at 10,000 ft 1200 mi 1205 mph 128 Gallons, No Reserve 5.4 hrs 5.4 hrs 22 mph 222 mph 223 mph 0ptimum Range at 24,000 ft 1140 mi 1180 mi 128 Gallons, No Reserve 6.4 hrs 5.4 hrs 92 Gallons, No Reserve 6.4 hrs 7.5 hrs 128 Gallons, No Reserve 104 mi 1180 mi 128 Gallons, No Reserve 137 mph 135 mph 128 Gallons, No Reserve 138 mph 168 mph 165 mi	Take-Off	4500 lbs	4100 lbc
SPEED, BET POWER MIXTURE: 231 mph 232 mph Top Speed at 20,000 ft 231 mph 225 mph Cruise, 75%; Power at 10,000 ft 231 mph 225 mph RANGE, NORMAL LEAN MIXTURE: 185 mph 196 mph Cruise, 75%; Power at 24,000 ft 50 mi 860 mi 92 Gallons, No Reserve 29 mph 233 mph Cruise, 75%; Power at 10,000 ft 750 mi 755 mi 92 Gallons, No Reserve 3.9 hrs 3.9 hrs Cruise, 75%; Power at 10,000 ft 104 mph 195 mph 128 Gallons, No Reserve 5.4 hrs 5.4 hrs Cruise, 75%; Power at 10,000 ft 1040 mi 1050 mi 128 Gallons, No Reserve 5.4 hrs 5.4 hrs Optimum Range at 24,000 ft 1140 mi 1180 mi 92 Gallons, No Reserve 6.8 hrs 1140 mi 128 Gallons, No Reserve 7.2 hrs 7.5 hrs Optimum Range at 10,000 ft 137 mph 135 mph 128 Gallons, No Reserve 168 mph 166 mph Optimum Range at 10,000 ft 1380 mi 1400 mi <t< td=""><td>Landing</td><td>4400 lbs</td><td>4100 lbs</td></t<>	Landing	4400 lbs	4100 lbs
Cop speed at 20,000 ft 234 mph 232 mph Cruiss, 75% Power at 24,000 ft 224 mph 225 mph Cruiss, 75% Power at 24,000 ft 195 mph 196 mph PANGE, NORMAL LEAN MIXTURE: 860 mi 865 mi Cruiss, 75% Power at 24,000 ft 3.9 hrs 3.9 hrs 32 Gallons, No Reserve 3.9 hrs 3.9 hrs Cruise, 75% Power at 10,000 ft 100 mi 1055 mi 92 Gallons, No Reserve 3.9 hrs 3.9 hrs Cruise, 75% Power at 10,000 ft 1040 mi 1056 mi 128 Gallons, No Reserve 5.4 hrs 5.4 hrs Cruise, 75% Power at 10,000 ft 1040 mi 1060 mi 128 Gallons, No Reserve 6.4 hrs 5.4 hrs Optimum Range at 24,000 ft 1140 mi 1180 mi 92 Gallons, No Reserve 7.2 hrs 7.5 hrs 0ptimum Range at 24,000 ft 136 mi 166 mph 128 Gallons, No Reserve 1.2 hrs 9.4 hrs 9.4 hrs 9.4 hrs 9.4 hrs 9.4 hrs 9.8 hrs 1010 mi 128 Gallons, No Reserve	SPEED, BEST POWER MIXTURE:		4100 105
Cruise, 75%, Power at 10,000 ft 124 mph 225 mph RANGE, NORMAL LEAN MIXTURE: 195 mph 196 mph Cruise, 75%, Power at 24,000 ft 860 mi 865 mi 92 Gallons, No Reserve 3.9 hrs 3.9 hrs 3.9 hrs 0.7 uise, 75%, Power at 10,000 ft 750 mi 755 mi 755 mi 0.7 uise, 75%, Power at 24,000 ft 1200 mi 1200 mi 1205 mi 1.28 Gallons, No Reserve 3.9 hrs 3.9 hrs 3.9 hrs Cruise, 75%, Power at 24,000 ft 1200 mi 1200 mi 1205 mi 1.28 Gallons, No Reserve 5.4 hrs 5.4 hrs 5.4 hrs 0.7 uise, 75%, Power at 10,000 ft 1140 mi 1160 mi 1200 mi 1.28 Gallons, No Reserve 5.4 hrs 5.4 hrs 5.4 hrs 0.9 timum Range at 24,000 ft 1140 mi 1180 mi 1180 mi 1.28 Gallons, No Reserve 7.2 hrs 7.5 hrs 1.5 hrs 0.9 timum Range at 10,000 ft 1380 mi 1350 mi 1350 mi 1.28 Gallons, No Reserve 10.0 hrs 10.5 hrs 1.5 hrs 0.9	Top Speed at 20,000 It	231 mph	232 mph
Cruise, 75% Power at 10,000 ft 195 mph 196 mph RANGE, NORMAL LEAN MIXTURE: 860 mi 860 mi 866 mi Oruise, 75% Power at 24,000 ft 3.9 hrs 3.9 hrs 3.9 hrs Stallons, No Reserve 3.9 hrs 3.9 hrs 3.9 hrs Cruise, 75% Power at 24,000 ft 1200 mi 1205 mi 128 Gallons, No Reserve 5.4 hrs 5.4 hrs Cruise, 75% Power at 10,000 ft 1040 mi 1205 mi 128 Gallons, No Reserve 5.4 hrs 5.4 hrs Cruise, 75% Power at 10,000 ft 1040 mi 1050 mi 128 Gallons, No Reserve 5.4 hrs 5.4 hrs Optimum Range at 24,000 ft 1140 mi 1180 mi 92 Gallons, No Reserve 6.8 hrs 7.1 hrs Optimum Range at 24,000 ft 136 mi 130 mi 128 Gallons, No Reserve 7.2 hrs 7.5 hrs Optimum Range at 24,000 ft 1380 mi 130 mi 128 Gallons, No Reserve 9.4 hrs 8.8 hrs Optimum Range at 24,000 ft 1380 mi 130 mi 128 Gallons, No Reserve 10.0 hrs 10.5 hrs 137 mph 135 mph </td <td>Cruise, 75% Power at 24,000 it</td> <td>224 mph</td> <td>225 mph</td>	Cruise, 75% Power at 24,000 it	224 mph	225 mph
RANGE, NORMAL LEAN MIXTURE: 860 mi 860 mi 865 mi Cruise, 75% Power at 24,000 ft 750 mi 755 mi 222 mph 221 mph 223 mph 223 mph 223 mph Cruise, 75% Power at 24,000 ft 750 mi 750 mi 755 mi 92 Gallons, No Reserve 3.9 hrs 3.9 hrs 3.9 hrs Cruise, 75% Power at 24,000 ft 1200 mi 1205 mi 128 Gallons, No Reserve 5.4 hrs 5.4 hrs Cruise, 75% Power at 10,000 ft 1040 mi 1030 mi 128 Gallons, No Reserve 5.4 hrs 5.4 hrs Optimum Range at 24,000 ft 1140 mi 1180 mi 92 Gallons, No Reserve 6.8 hrs 7.1 hrs 0ptimum Range at 10,000 ft 1500 mi 1010 mi 92 Gallons, No Reserve 7.2 hrs 7.5 hrs 0ptimum Range at 24,000 ft 1580 mi 1630 mi 128 Gallons, No Reserve 9.4 hrs 9.8 hrs 128 Gallons, No Reserve 10.0 hrs 10.5 hrs 128 Gallons, No Reserve 10.0 hrs 10.0 hrs 128 Gallons, No Reserve 10.0 hrs 10.5 hrs 128 Gall	Cruise, 75% Power at 10,000 ft	195 mph	196 mph
Cruise, 75% Power at 24,000 ft 860 mi 860 mi 860 mi 860 mi 92 Gallons, No Reserve 3.9 hrs 3.9 hrs 3.9 hrs 92 Gallons, No Reserve 3.9 hrs 3.9 hrs 3.9 hrs 92 Gallons, No Reserve 3.9 hrs 3.9 hrs 3.9 hrs 128 Gallons, No Reserve 5.4 hrs 5.4 hrs Cruise, 75% Power at 10,000 ft 1200 mi 1205 mi 128 Gallons, No Reserve 5.4 hrs 5.4 hrs Cruise, 75% Power at 10,000 ft 1040 mi 1050 mi 128 Gallons, No Reserve 5.4 hrs 5.4 hrs 0ptimum Range at 24,000 ft 1040 mi 1050 mi 92 Gallons, No Reserve 6.8 hrs 7.1 hrs 92 Gallons, No Reserve 6.8 hrs 7.1 hrs 92 Gallons, No Reserve 137 mph 135 mph 0ptimum Range at 24,000 ft 1360 mi 1630 mi 128 Gallons, No Reserve 10.0 hrs 102 Gallons, No Reserve 9.4 hrs 9.4 hrs 9.8 hrs 128 Gallons, No Reserve 10.0 hrs 102 mi 128 Gallons, No Reserve 10.0 hrs 10.0 hrs 128 Gall	RANGE, NORMAL LEAN MIXTURE:		1.0
92 Gallons, No Reserve 3.9 hrs 22 mph 223 mph Cruise, 75% Power at 10,000 ft 750 mi 750 mi 755 mi 92 Gallons, No Reserve 194 mph 195 mph Cruise, 75% Power at 24,000 ft 1200 mi 126 mi 128 Gallons, No Reserve 5.4 hrs 5.4 hrs Cruise, 75% Power at 10,000 ft 1040 mi 1030 mi 128 Gallons, No Reserve 5.4 hrs 5.4 hrs Optimum Range at 24,000 ft 1140 mi 1180 mi 92 Gallons, No Reserve 6.8 hrs 7.1 hrs 128 Gallons, No Reserve 7.2 hrs 7.5 hrs 0ptimum Range at 10,000 ft 1350 mi 1010 mi 92 Gallons, No Reserve 7.2 hrs 7.5 hrs 0ptimum Range at 24,000 ft 1560 mi 1630 mi 128 Gallons, No Reserve 9.4 hrs 9.8 hrs 128 Gallons, No Reserve 137 mph 135 mph 0ptimum Range at 24,000 ft 1360 mi 1630 mi 128 Gallons, No Reserve 10.0 hrs 10.0 hrs 128 Gallons, No Reserve 10.0 hrs 10.5 hrs 128 Gallons, No Reserve 10.0 hrs 10.5 h	Cruise, 75% Power at 24,000 ft	860 mi	865 mi
Cruise, 75% Power at 10,000 ft 750 mi 755 mi 92 Gallons, No Reserve 3.9 hrs 3.9 hrs 92 Gallons, No Reserve 124 mph 195 mph 128 Gallons, No Reserve 5.4 hrs 5.4 hrs 0ptimum Range at 24,000 ft 1040 mi 1050 mi 92 Gallons, No Reserve 6.8 hrs 7.1 hrs 0ptimum Range at 10,000 ft 990 mi 1010 mi 92 Gallons, No Reserve 7.2 hrs 7.5 hrs 92 Gallons, No Reserve 7.2 hrs 7.5 hrs 90 ptimum Range at 10,000 ft 1560 mi 168 mph 128 Gallons, No Reserve 9.4 hrs 9.8 hrs 128 Gallons, No Reserve 10.4 hrs 1840 mi 128 Gallons, No Reserve 137 mph 135 mph 128 Gallons, No Reserve 10.4 hrs 9.8 hrs 128 Gallons, No Reserve 10.4 hrs 9.8 hrs 128 Gallons, No Reserve	92 Gallons, No Reserve	3.9 hrs	3.9 hrs
Cruise, 75% Power at 10,000 ft 750 mi 750 mi 92 Gallons, No Reserve 3.9 hrs 3.9 hrs Cruise, 75% Power at 24,000 ft 1200 mi 1205 mi 128 Gallons, No Reserve 5.4 hrs 5.4 hrs Cruise, 75% Power at 10,000 ft 1040 mi 1050 mi 128 Gallons, No Reserve 5.4 hrs 5.4 hrs Optimum Range at 24,000 ft 1140 mi 1180 mi 92 Gallons, No Reserve 6.8 hrs 7.1 hrs 168 mph 166 mph 1010 mi 92 Gallons, No Reserve 7.2 hrs 7.5 hrs Optimum Range at 10,000 ft 1300 mi 135 mph 92 Gallons, No Reserve 7.4 hrs 9.8 hrs 0 ptimum Range at 10,000 ft 1380 mi 1420 mi 128 Gallons, No Reserve 10.0 hrs 10.5 hrs 128 Gallons, No Reserve 10.0 hrs 10.5 hrs 128 Gallons, No Reserve 1137 mph 135 mph Service C LLIMB AT SEA LEVEL: 137 mph 1340 fpm Twin Engine Only 325 fpm 430 fpm Rear Engine Only 13,600 ft 22,400 ft Take OF F: 60		222 mph	223 mph
92 Gallons, No Reserve 3.9 hrs 92 Gallons, No Reserve 1200 mi 195 mph 128 Gallons, No Reserve 5.4 hrs 5.4 hrs Cruise, 75% Power at 10, 000 ft 1040 mi 1050 mi 128 Gallons, No Reserve 5.4 hrs 5.4 hrs Cruise, 75% Power at 10, 000 ft 1040 mi 1060 mi 128 Gallons, No Reserve 5.4 hrs 5.4 hrs 0ptimum Range at 24, 000 ft 1140 mi 1180 mi 92 Gallons, No Reserve 6.8 hrs 7.1 hrs 0ptimum Range at 10, 000 ft 990 mi 1010 mi 92 Gallons, No Reserve 7.2 hrs 7.5 hrs 0ptimum Range at 24, 000 ft 1580 mi 168 mph 128 Gallons, No Reserve 9.4 hrs 9.8 hrs 0ptimum Range at 24, 000 ft 1380 mi 1420 mi 128 Gallons, No Reserve 10.0 hrs 10.5 hrs 128 Gallons, No Reserve 10.0 hrs 10.5 hrs 128 Gallons, No Reserve 137 mph 135 mph Service C CLIMB AT SEA LEVEL: 1155 fpm 1340 fpm Front Engine Only	Cruise, 75% Power at 10,000 ft	750 mi	755 mi
194 mph 195 mph 128 Gallons, No Reserve 5.4 hrs 22 mph 223 mph Cruise, 75% Power at 10,000 ft 1040 mi 128 Gallons, No Reserve 5.4 hrs Cruise, 75% Power at 10,000 ft 1040 mi 128 Gallons, No Reserve 5.4 hrs Optimum Range at 24,000 ft 1140 mi 192 Gallons, No Reserve 6.8 hrs 7.1 hrs 168 mph 168 mph 166 mph 182 Gallons, No Reserve 7.2 hrs 7.5 hrs 7.5 hrs 0ptimum Range at 10,000 ft 1500 mi 128 Gallons, No Reserve 9.4 hrs 9.4 hrs 9.8 hrs 128 Gallons, No Reserve 10.0 hrs <td>92 Gallons, No Reserve</td> <td>3.9 hrs</td> <td>3.9 hrs</td>	92 Gallons, No Reserve	3.9 hrs	3.9 hrs
Cruise, 75% Power at 24,000 ft 1200 ft 120 ft 128 Gallons, No Reserve 5.4 hrs 5.4 hrs Cruise, 75% Power at 10,000 ft 1040 mi 1050 mi 128 Gallons, No Reserve 5.4 hrs 5.4 hrs Optimum Range at 24,000 ft 1140 mi 1180 mi 92 Gallons, No Reserve 6.8 hrs 7.1 hrs 0ptimum Range at 24,000 ft 1140 mi 1180 mi 92 Gallons, No Reserve 6.8 hrs 7.1 hrs 0ptimum Range at 10,000 ft 990 mi 1010 mi 92 Gallons, No Reserve 7.2 hrs 7.5 hrs Optimum Range at 10,000 ft 1580 mi 1630 mi 128 Gallons, No Reserve 9.4 hrs 9.8 hrs 0ptimum Range at 10,000 ft 1380 mi 168 mph 128 Gallons, No Reserve 10.0 hrs 10.5 hrs 128 Gallons, No Reserve 10.0 hrs 10.5 hrs Primum Range at 10,000 ft 1380 mi 1420 mi 128 Gallons, No Reserve 10.0 hrs 10.5 hrs Twin Engine Only 225 fpm 1340 fpm Front Engine Only 225 fpm 1340 fpm Rear Engine Only </td <td></td> <td>194 mph</td> <td>195 mph</td>		194 mph	195 mph
128 Gallons, No Reserve 5.4 hrs 5.4 hrs Cruise, 75% Power at 10,000 ft 1040 mi 1050 mi 128 Gallons, No Reserve 5.4 hrs 5.4 hrs Optimum Range at 24,000 ft 1140 mi 1180 mi 92 Gallons, No Reserve 6.8 hrs 7.1 hrs Optimum Range at 10,000 ft 990 mi 1010 mi 92 Gallons, No Reserve 7.2 hrs 7.5 hrs Optimum Range at 24,000 ft 1580 mi 168 mph 128 Gallons, No Reserve 7.2 hrs 7.5 hrs Optimum Range at 24,000 ft 1580 mi 1630 mi 128 Gallons, No Reserve 9.4 hrs 9.8 hrs Optimum Range at 10,000 ft 1380 mi 1620 mi 128 Gallons, No Reserve 10.0 hrs 10.5 hrs Optimum Range at 10,000 ft 1380 mi 1420 mi 128 Gallons, No Reserve 10.0 hrs 10.5 hrs Service CLIMB AT SEA LEVEL: 137 mph 135 mph Twin Engine Only 325 fpm 430 fpm Front Engine Only 30,100 ft 32,000 ft Rear Engine Only 18,600 ft 1400 ft Rear Engine Only	Cruise, 75% Power at 24,000 ft	1200 mi	1205 mi
222 mph 223 mph Cruise, 75% Power at 10,000 ft 1040 mi 128 Gallons, No Reserve 5.4 hrs Optimum Range at 24,000 ft 1140 mi 180 mph 195 mph Optimum Range at 24,000 ft 1140 mi 92 Gallons, No Reserve 6.8 hrs Optimum Range at 10,000 ft 900 mi 92 Gallons, No Reserve 7.2 hrs 7.3 hrs 7.5 hrs Optimum Range at 24,000 ft 1580 mi 128 Gallons, No Reserve 1010 mi 92 Gallons, No Reserve 9.4 hrs 9.4 hrs 9.8 hrs 128 Gallons, No Reserve 10.0 hrs 128 Gallons, No Reserve 1360 mi 128 Gallons, No Reserve 137 mph 1380 mi 1420 mi 128 Gallons, No Reserve 10.0 hrs 128 Gallons, No Reserve 10.0 hrs 128 Gallons, No Reserve 137 mph 1380 mi 1400 mi	128 Gallons, No Reserve	5.4 hrs	5.4 hrs
Cruise, 75% Power at 10,000 ft 1040 mi 1050 mi 128 Gallons, No Reserve 5.4 hrs 5.4 hrs Optimum Range at 24,000 ft 1140 mi 1180 mi 92 Gallons, No Reserve 6.8 hrs 7.1 hrs 0ptimum Range at 10,000 ft 990 mi 1010 mi 92 Gallons, No Reserve 7.2 hrs 7.5 hrs 0ptimum Range at 24,000 ft 137 mph 135 mph 128 Gallons, No Reserve 9.4 hrs 9.8 hrs 0ptimum Range at 20,000 ft 1380 mi 1630 mi 128 Gallons, No Reserve 9.4 hrs 9.8 hrs 0ptimum Range at 10,000 ft 1380 mi 1420 mi 128 Gallons, No Reserve 10.0 hrs 10.5 hrs 128 Gallons, No Reserve 10.0 hrs 10.5 hrs reserve 137 mph 135 mph Pront Engine Only 325 fpm 450 fpm Front Engine Only 325 fpm 450 fpm SERVICE CEILING: 19,600 ft 1340 fpm Twin Engine Only 18,600 ft 1360 ft Ground Run 935 ft 760 ft Totall Distance Over 50-Foot Obstacle 1550 ft		222 mnh	223 mph
128 Gallons, No Reserve 5.4 hrs 100 mit Optimum Range at 24,000 ft 1140 mit 1180 mit 92 Gallons, No Reserve 6.8 hrs 7.1 hrs Optimum Range at 10,000 ft 990 mit 1010 mit 92 Gallons, No Reserve 7.2 hrs 7.5 hrs Optimum Range at 24,000 ft 137 mph 135 mph 128 Gallons, No Reserve 7.2 hrs 7.5 hrs Optimum Range at 24,000 ft 1580 mit 1630 mit 128 Gallons, No Reserve 9.4 hrs 9.4 hrs 0ptimum Range at 10,000 ft 1860 mit 166 mph 128 Gallons, No Reserve 10.0 hrs 10.0 hrs 128 Gallons, No Reserve 10.0 hrs 10.5 hrs 137 mph 135 mph 135 mph RATE OF CLIMB AT SEA LEVEL: 1155 fpm 1340 fpm Twin Engine 1155 fpm 1340 fpm Front Engine Only 410 fpm 545 fpm SERVICE CEILING: 1155 fpm 1340 fpm Take-OFF: 30,100 ft 32,000 ft Ground Run 935 ft 760 ft Total Distance Over 50-Foot Obstacle. 1520 ft	Cruise, 75% Power at 10,000 ft	1040 mi	1050 mi
100 General Production 194 mph 195 mph 192 Gallons, No Reserve 1140 mi 1180 mi 92 Gallons, No Reserve 6.8 hrs 7.1 hrs 188 mph 166 mph 1010 mi 92 Gallons, No Reserve 7.2 hrs 7.5 hrs 187 mph 135 mph 166 mph 188 opi 166 mph 135 mph 128 Gallons, No Reserve 187 mph 135 mph 0ptimum Range at 10,000 ft 1380 mi 168 mph 128 Gallons, No Reserve 1880 mi 166 mph 0ptimum Range at 10,000 ft 1380 mi 1420 mi 128 Gallons, No Reserve 10.0 hrs 10.5 hrs 137 mph 135 mph 1350 mj RATE OF CLIMB AT SEA LEVEL: 137 mph 1340 fpm Twin Engine Only 232 fpm 450 fpm Rear Engine Only 232 fpm 450 fpm SERVICE CEILING: 135 ff 160 ft Twin Engine Only 13, 600 ft 2400 ft Takte-OFF: 30, 100 ft 32, 000 ft Ground Run	128 Gallons No Reserve	5 4 hrs	1030 mi
Optimum Range at 24,000 ft 1140 mi 1180 mi 92 Gallons, No Reserve 6.8 hrs 7.1 hrs Optimum Range at 10,000 ft 990 mi 1010 mi 92 Gallons, No Reserve 7.2 hrs 7.5 hrs Optimum Range at 24,000 ft 137 mph 135 mph Optimum Range at 24,000 ft 137 mph 135 mph 128 Gallons, No Reserve 9.4 hrs 9.8 hrs Optimum Range at 10,000 ft 180 mi 166 mph Optimum Range at 10,000 ft 1380 mi 1420 mi 128 Gallons, No Reserve 186 mph 166 mph Optimum Range at 10,000 ft 1380 mi 1420 mi 128 Gallons, No Reserve 137 mph 135 mph RATE OF CLIMB AT SEA LEVEL: 137 mph 135 mph Twin Engine 1155 fpm 1340 fpm SERVICE CEILING: 1155 fpm 1340 fpm Twin Engine Only 225 fpm 30, 100 ft 32, 000 ft Front Engine Only 18, 600 ft 21, 400 ft 140 fpm Ground Run 935 ft 760 ft 1520 ft <		194 mph	J. 4 Mrs
92 Gallons, No Reserve1160 ml1160 ml92 Gallons, No Reserve168 mph166 mph92 Gallons, No Reserve7.2 hrs7.5 hrs92 Gallons, No Reserve137 mph135 mph0ptimum Range at 24,000 ft1580 mi1630 mi128 Gallons, No Reserve9.4 hrs9.8 hrs128 Gallons, No Reserve9.4 hrs9.8 hrs128 Gallons, No Reserve10.0 hrs10.5 hrsRATE OF CLIMB AT SEA LEVEL:1155 fpm1340 fpmTwin Engine1155 fpm1340 fpmFront Engine Only325 fpm450 fpmRear Engine Only18,600 ft22,400 ftTake-OFF:935 ft760 ftGround Run935 ft760 ftTotal Distance Over 50-Foot Obstacle.1520 ftLanding Roll600 ft600 ftGoldarder Cover 50-Foot Obstacle.1520 ftLANDING:365 lbs365 lbsAddard Tanks93 gal.93 gal.Standard Tanks93 gal.93 gal.With Optional Auxiliary Tanks131 gal.OLD ACITY: Total5.5 gal.ProDEELERS:76 inchesTwo Continental Turbocharged Fuel Injection Engines.76 inchesTwo Continental Turbocharged Fuel Injection Engines.76 inches	Ontimum Range at 24 000 ft	1140 mi	195 mph
32 Gallons, NO Reserve 0.6 8 mph 168 mph 168 mph 92 Gallons, NO Reserve 7.2 hrs 7.5 hrs 0ptimum Range at 24,000 ft 137 mph 135 mph 0ptimum Range at 24,000 ft 1580 mi 168 mph 166 mph 128 Gallons, No Reserve 9.4 hrs 9.8 hrs 168 mph 166 mph 0ptimum Range at 10,000 ft 1380 mi 1420 mi 168 mph 166 mph 128 Gallons, No Reserve 10.0 hrs 10.5 hrs 10.5 hrs 10.5 hrs 128 Gallons, No Reserve 10.0 hrs 10.5 hrs 10.5 hrs 10.5 hrs Twin Engine 1155 fpm 1340 fpm 545 fpm SERVICE CELLING: 10 fpm 545 fpm 545 fpm SERVICE CELING: 19,600 ft 21,400 ft TAKE-OFF: 30,100 ft 32,000 ft 139 oft Ground Run 935 ft 760 ft 1390 ft LANDING: 1390 ft 130 ft 130 ft LANDING: 68 mph 65 mph 68 mph 65 mph EMGLAGE ALLOWABLE 365 lbs 365 lbs 365 lbs 365 lbs <	92 Callone No Recorve	6 9 hms	1180 mi
Optimum Range at 10,000 ft 100 100 mi 100 mi 92 Gallons, No Reserve 7.2 hrs 7.5 hrs Optimum Range at 24,000 ft 137 mph 135 mph 128 Gallons, No Reserve 9.4 hrs 9.8 hrs 128 Gallons, No Reserve 9.4 hrs 9.8 hrs Optimum Range at 10,000 ft 1380 mi 1420 mi 128 Gallons, No Reserve 10.0 hrs 10.5 hrs 128 Gallons, No Reserve 10.0 hrs 10.5 hrs 128 Gallons, No Reserve 137 mph 1380 mi 128 Gallons, No Reserve 10.0 hrs 10.5 hrs Twin Engine 1125 fpm 1300 fpm Front Engine Only 325 fpm 450 fpm SERVICE CEILING: 138,600 ft 21,400 ft TAKE-OFF: 30,100 ft 32,000 ft Ground Run 935 ft 760 ft Total Distance Over 50-Foot Obstacle. 1595 ft 1390 ft LANDING: 10.7 9.8 1520 ft Landing Roll 600 ft 600 ft 600 ft BAGGAGE ALLOWABLE	se dations, no neserve	0.0 Hrs	7.1 hrs
92 Gallons, No Reserve7.2 hrs7.5 hrs92 Gallons, No Reserve137 mph135 mph0ptimum Range at 24,000 ft1580 mi1630 mi128 Gallons, No Reserve9.4 hrs9.8 hrs0ptimum Range at 10,000 ft168 mph166 mph128 Gallons, No Reserve10.0 hrs10.5 hrs128 Gallons, No Reserve10.0 hrs10.5 hrs128 Gallons, No Reserve10.0 hrs10.5 hrs128 Gallons, No Reserve1155 fpm1340 fpmFort Engine Only325 fpm450 fpmFront Engine Only325 fpm450 fpmSERVICE CEILING:116 fpm545 fpmTwin Engine30,100 ft32,000 ftFront Engine Only18,600 ft12,400 ftRear Engine Only19,600 ft22,400 ftTAKE-OFF:19,600 ft1390 ftGround Run935 ft760 ftTotal Distance Over 50-Foot Obstacle1595 ft1390 ftLANDING:600 ft600 ft600 ftLANDING:65 lbs365 lbsMING LOADING: Pounds/Sq Foot22.420.4PUEL CAPACITY: Total33 gal.93 gal.Standard Tanks93 gal.93 gal.With Optional Auxiliary Tanks131 gal.131 gal.OL CAPACITY: Total5.5 gal.5.5 gal.PROPELLERS: Constant Speed,76 inches76 inchesPUC CAPACITY: Total76 inches76 inchesTwo Continental Turbocharged Fuel Injection Engines.750-3/60-A/BTwo Continental Turbo	Ontimum Banga at 10,000 ft	100 mpn	166 mph
32 Gallons, No Reserve 7.5 hrs Optimum Range at 24,000 ft 137 mph 128 Gallons, No Reserve 9.4 hrs 9.9 A hrs 9.8 hrs Optimum Range at 10,000 ft 1380 mi 128 Gallons, No Reserve 9.4 hrs 9.9 A hrs 9.8 hrs 128 Gallons, No Reserve 10.0 hrs 128 Gallons, No Reserve 10.0 hrs 128 Gallons, No Reserve 137 mph 1380 mi 1420 mi 128 Gallons, No Reserve 10.0 hrs 128 Gallons, No Reserve 10.0 hrs Rate Engine Only 135 mph SERVICE CELLING: 1155 fpm Twin Engine Only 30,100 ft SERVICE CELLING: 19,600 ft Twin Engine Only 18,600 ft Ground Run 935 ft Ground Run 935 ft Ground Run 935 ft Cataling Roll 600 ft Cohont E 1520 ft Landing Roll 600 ft Cohont E 22.400 ft STALL SPEED: Flaps Down, Power Off 68 mph 65 mph EMPTY WEIGHT (Approximate)	Optimum Range at 10,000 ft	990 mi	1010 mi
Optimum Range at 24,000 ft 137 mph 135 mph 128 Gallons, No Reserve 9.4 hrs 9.8 hrs Optimum Range at 10,000 ft 168 mph 166 mph 128 Gallons, No Reserve 1380 mi 1420 mi 128 Gallons, No Reserve 10.0 hrs 10.5 hrs 128 Gallons, No Reserve 10.0 hrs 10.5 hrs RATE OF CLIMB AT SEA LEVEL: 137 mph 135 mph Twin Engine 1155 fpm 1340 fpm Rear Engine Only 325 fpm 450 fpm Rear Engine Only 325 fpm 450 fpm SERVICE CELLING: 18,600 ft 21,400 ft Twin Engine Only 18,600 ft 21,400 ft Rear Engine Only 19,600 it 22,400 ft TAKE-OFF: 19,600 it 22,400 ft Ground Run 935 ft 760 ft Total Distance Over 50-Foot Obstacle 1520 ft 1520 ft Landing Roll 600 ft 68 mph 65 mph EMPTY WEIGHT (Approximate) 2795 lbs 2795 lbs 2795 lbs BAGGAGE ALLOWABLE <	52 Gallons, No Reserve	7.2 nrs	7.5 hrs
128 Gallons, No Reserve9.4 hrs9.8 hrs128 Gallons, No Reserve168 mph166 mph0ptimum Range at 10, 000 ft1380 mi1420 mi128 Gallons, No Reserve10.0 hrs10.5 hrs128 Gallons, No Reserve1300 mi1420 mi128 Gallons, No Reserve10.0 hrs10.5 hrsRATE OF CLIMB AT SEA LEVEL:137 mph135 mphTwin Engine1155 fpm1340 fpmFront Engine Only325 fpm450 fpmSERVICE CEILING:30, 100 ft32, 000 ftTwin Engine30, 100 ft32, 000 ftRear Engine Only19, 600 ft22, 400 ftRear Engine Only19, 600 ft22, 400 ftTAKE-OFF:935 ft760 ftGround Run935 ft760 ftTotal Distance Over 50-Foot Obstacle1520 ftLANDING:68 mph65 mphEMACTOR EALLOWABLE365 lbsWING LOADING: Pounds/Sq Foot22.420.420.4POWER LOADING: Pounds/Sq Foot22.4UNG LOADING: Pounds/Sq Foot22.420.49.8Standard Tanks93 gal.Standard Tanks93 gal.With Optical Auxiliary Tanks131 gal.OID CLAPACITY: Total5.5 gal.FORDES:76 inchesTwo Continental Turbocharged Fuel Injection Engines.76 inchesTwo Continental Turbocharged Fuel Injection Engines.7510-360-A/B210 rated BHP at 2800 RPM and 32" MP	Ontinue Deserant 24,000 ft	137 mph	135 mph
128 Gallons, No Reserve 9.4 hrs 9.8 hrs Optimum Range at 10,000 ft 1380 mi 1420 mi 128 Gallons, No Reserve 10.0 hrs 10.5 hrs RATE OF CLIMB AT SEA LEVEL: 137 mph 135 mph Twin Engine 1355 fpm 1340 fpm Front Engine Only 225 fpm 450 fpm Rear Engine Only 325 fpm 450 fpm SERVICE CEILING: 30,100 ft 22,000 ft Twin Engine 118,600 ft 21,400 ft Rear Engine Only 18,600 ft 22,400 ft TAKE-OFF: 19,600 ft 22,400 ft Ground Run 935 ft 760 ft Total Distance Over 50-Foot Obstacle 1520 ft 1390 ft LANDING: 2795 lbs 2795 lbs 2795 lbs EMPTY WEIGHT (Approximate) 2795 lbs 2795 lbs 2795 lbs BAGGAGE ALLOWABLE 33 gal. 93 gal. 93 gal. With Optional Awillary Tanks 131 gal. 131 gal. 131 gal. OIL CAPACITY: Total 5.5 gal. 5.5 gal. 5.5 gal. POWER LOADING: Pounds/HP 76 inches 76 inch	Optimum Range at 24,000 ft	1580 mi	1630 mi
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Rear Engine Only. 410 fpm 545 fpm SERVICE CEILING: 30,100 ft 32,000 ft Twin Engine Only. 18,600 ft 21,400 ft Rear Engine Only. 18,600 ft 22,400 ft TAKE-OFF: 19,600 ft 22,400 ft Ground Run 935 ft 760 ft Total Distance Over 50-Foot Obstacle. 1595 ft 1390 ft LANDING: 1520 ft 1520 ft 520 ft Landing Roll 600 ft 68 mph 65 mph EMPTY WEIGHT (Approximate) 2795 lbs 2795 lbs 2795 lbs BAGGAGGE ALLOWABLE 365 lbs 2795 lbs 365 lbs WING LOADING: Pounds/Kg Foot 22.4 20.4 20.4 POWER LOADING: Pounds/HP 10.7 9.8 793 gal. 93 gal. Standard Tanks 93 gal. 93 gal. 93 gal. 93 gal. OIL CAPACITY: Total 5.5 gal. 5.5 gal. 5.5 gal. 5.5 gal. PROPELLERS: Constant Speed, 76 inches 76 inches 76 inches FUGL CAPACITY: Total 5.5 gal. 5.5 gal. 5.5 gal. 5.5 gal.	Front Engine Only	325 fpm	450 fpm
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BAGGAGE ALLOWABLE 365 lbs 365 lbs WING LOADING: Pounds/Sq Foot 22.4 20.4 POWER LOADING: Pounds/HP 10.7 9.8 FUEL CAPACITY: Total 93 gal. 93 gal. Standard Tanks 93 gal. 93 gal. With Optional Auxiliary Tanks 131 gal. 131 gal. OIL CAPACITY: Total 5.5 gal. 5.5 gal. PROPELLERS: Constant Speed, Full Feathering (Diameter) 76 inches 76 inches ENGINES: Two Continental Turbocharged Fuel Injection Engines. TSIO-360-A/B TSIO-360-A/B	EMPTY WEIGHT (Approximate)	2795 lbs	2795 lbs
WING LOADING: Pounds/Sq Foot 22.4 20.4 POWER LOADING: Pounds/HP 10.7 9.8 FUEL CAPACITY: Total 93 gal. 93 gal. Standard Tanks. 93 gal. 131 gal. OIL CAPACITY: Total 5.5 gal. 5.5 gal. PROPELLERS: Constant Speed, Full Feathering (Diameter) 76 inches 76 inches ENGINES: Two Continental Turbocharged Fuel Injection Engines. TSIO-360-A/B TSIO-360-A/B	BAGGAGE ALLOWABLE	365 lbs	365 lbc
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210 rated BHP at 2800 RPM and 32" MP	Dro Continental Tunbeshanned Buel Inighting D	mara 445 4 /=	
	210 rated BHP at 2800 RPM and 32" MP	15IO-360-A/B	T5IO-360-A/B

* This manual covers operation of the Turbo-System Super Skymaster which is certificated as Model T337C under FAA Type Certificate No. A6CE.

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This Owner's Manual has been prepared as a guide to help you get the most pleasure and utility from your Turbo-System Super Skymaster. It contains information about your Cessna's equipment, operating procedures, and performance; and suggestions for its servicing and care. We urge you to read it from cover to cover, and to refer to it frequently.

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i



- 8. Fuel and Engine Instrument Group
- 9. Optional Instruments
- 10. Optional Radio Space
- 11. Map Compartment
- 12. Right Hand Switch and Control Panel
- 13. Wing Flap Switch and Indicator
- 14. Mixture Control Knobs

- 23. Landing Gear Position Handle
- 24. Parking Brake Knob
- 25. Left Hand Switch and Control Panel
- 26. Electrical System Warning Lights
- 27. Battery and Alternator Switches
- 28. Phone Jack

Figure 2-1.

DESCRIPTION AND OPERATING DETAILS

Section II

The following paragraphs describe the systems and equipment whose function and operation is not obvious when sitting in the airplane. This section also covers in somewhat greater detail some of the items listed in Check List form in Section I that require further explanation.

FUEL SYSTEM.

The main fuel system is composed of two main fuel tanks (46 gal. usable each wing) in each outboard wing panel and one sump tank in the lower portion of each boom. Fuel flows from the main and sump tanks to selector valves located at the wing roots. Fuel is normally fed from the left wing tanks and front selector valve to the front engine, and from the right wing tanks and rear selector valve to the rear engine. It is possible, however, to feed either engine from either main fuel tank.

NOTE

The fuel selector valve handles should be turned to "LEFT MAIN" for the front engine and "RIGHT MAIN" for the rear engine during take-off, landing, and all normal operations.

Depending upon the setting of the selector valves, fuel from the tanks being used flows through fuel line manifolds, fuel strainers and a by-pass in the electric auxiliary fuel pumps (when they are not operating) to the engine-driven fuel pumps. From here, fuel is distributed to the engine cylinders via fuel control units and fuel distributors. Vapor and excess fuel from the engine-driven fuel pumps are returned to the fuel line manifolds, and the returned fuel is recirculated to the engine-driven pumps. The fuel line manifolds are vented (with the fuel tanks) at the wing tips.

AUXILIARY FUEL PUMP SWITCHES.

The auxiliary fuel pumps are electrically operated and are located in

1 - 6

2 - 1

AIRSPEED LIMITATIONS (CAS).

Never Exceed Speed (glide or div	ve, s	smo	ooth	ain	r)	•		•	•		225 MPH
Maximum Structural Cruising Sp	peed					•	•	•	•		190 MPH
Maximum Speed											
Flaps Extended 1/3					÷		÷	æ	÷	×	160 MPH
Flaps Extended 1/3 to Full	Dow	n.									120 MPH
Gear Extended											140 MPH
*Maximum Maneuvering Speed .					•		•				155 MPH

* The maximum speed at which abrupt control travel can be used without exceeding the design load factor.

AIRSPEED INDICATOR INSTRUMENT MARKINGS.

The following is a list of the certificated calibrated airspeeds (CAS) for the airplane, except where noted.

Never Exceed (glide or dive, sm	ooth air	r)	. 225 MPH (red line)
Caution Range		. 190 to	225 MPH (yellow arc)
Normal Operating Range		79 to	190 MPH (green arc)
Flap Operating Range (1/3 to full	down)	68 t	o 120 MPH (white arc)
Best Single-Engine Rate of Climb	o	100	MPH (blue line) (IAS)

ENGINE OPERATION LIMITATIONS.

NOTE

A placard, located near the fuel flow indicator, defines the maximum allowable manifold pressure and the recommended climb fuel flow settings at altitude. These settings, as called out on the placard, are as follows:

Altitude (Feet)	Manifold Pressure (In. Hg.)	Fuel Flow (Gal/Hr)		
S. L. to 20,000	32	21		
22,000	30	19		
24,000	28	17		
26,000	26	15		
28,000	24	13		
30,000	22	11		

NORMAL POWER CLIMB: 2600 RPM, 28 M.P., 14.5 GPH

ENGINE INSTRUMENT MARKINGS.

OIL TEMPERATURE GAGES. 75°-240° (green arc) Normal Operating Range 240° (red line) Do Not Exceed 240° (red line)
OIL PRESSURE GAGES. 10 psi (red line) Idling Pressure
MANIFOLD PRESSURE GAGE (DUAL). Normal Operating Range.15-28 in. Hg (green arc)Maximum Pressure.32 in. Hg (red line)
CYLINDER HEAD TEMPERATURE GAGES. Normal Operating Range.200°-460°F (green arc) 460° (red line)Do Not Exceed .460° (red line)
TACHOMETER . Normal Operating Range.2200-2600 RPM (green arc) 2800 RPM (red line)Maximum (Engine rated speed).2800 RPM (red line)
FUEL FLOW INDICATOR (DUAL).4.5-14.5 gal/hr (green arc)Normal Cruise Range

WEIGHT AND BALANCE.

The following information will enable you to operate your Cessna within the prescribed weight and center of gravity limitations. To figure the weight and balance for your particular airplane, use the Sample Problem, Loading Graph and Center of Gravity Moment Envelope, as follows:

Take the licensed Empty Weight and Moment/1000 from the Weight and Balance Data sheet, plus any changes noted on forms FAA-337,

NORMAL LEAN MIXIURE Standard Conditions \rightarrow Zero Wind \rightarrow Gross Weight- 4500 Pounds 30,000 FEET									
				TOTAL	92 GAL (N	O RESERVE)	128 GAL (NO RESERVE)		
RPM	RPM MP BHP M	TAS MPH	GAL/ HOUR	ENDR. HOURS	RANGE MILES	ENDR. HOURS	RANGE MILES		
2600	22	53	200	17.8	5.2	1030	7.2	1435	
	21	50	194	17.1	5.4	1045	7.5	1455	
	20	47	188	16.3	5.6	1055	7.8	1470	
	19	44	180	15.6	5.9	1060	8.2	1475	
2500	22	51	195	17.1	5.4	1045	7.5	1455	
	21	48	188	16.4	5.6	1055	7.8	1470	
	20	44	180	15.7	5.9	1060	8.2	1475	
	19	42	172	15.0	6.1	1055	8.5	1470	
2400	22	48	189	16.5	5.6	1055	7.8	1470	
	21	45	181	15.7	5.8	1060	8.1	1475	
	20	42	172	15.0	6.1	1055	8.5	1470	
2300	22	45	182	15.8	5.8	1060	8.1	1475	
	21	42	173	15.0	6.1	1055	8.5	1470	
2200	22	42	174	15, 1	6.1	1060	8.5	1470	

Figure 6-7 (Sheet 7 of 7).

Section VII

OPTIONAL SYSTEMS

This section contains a description, operating procedures, and performance data (when applicable) for some of the optional equipment which may be installed in your Cessna. Owner's Manual Supplements are provided to cover operation of other optional equipment systems when installed in your airplane. Contact your Cessna Dealer for a complete list of available optional equipment.

AUXILIARY FUEL SYSTEM

An auxiliary fuel system is available as optional equipment. The system consists of two tanks (18 gallons usable each tank), one located in each inboard wing panel. The tanks feed directly to the fuel selector valves, the left tank providing fuel to the front engine only and the right tank providing fuel to the rear engine only. Fuel quantity for the auxiliary tanks is read on the same fuel quantity indicators used for the main fuel tanks. This is accomplished when the fuel selector valve handles are turned to the "AUXILIARY" position. As a selector valve handle is turned to this position, it depresses a gageing button, labeled "PUSH TO GAGE," located in the "AUXILIARY" quadrant of the fuel selector valve placard. The depressed button actuates a microswitch and electrically senses auxiliary fuel rather than main fuel quantity. Auxiliary fuel quantity can be checked without changing the selector valve handle, by depressing the "PUSH TO GAGE" button manually.

When fuel is being used from the auxiliary fuel tanks, any excess fuel and vapor from the engine-driven pumps is returned to the fuel line manifolds. The returned vapor passes through the fuel line manifolds to the vent lines and is routed overboard. The excess fuel passes into the fuel line manifold and is returned to the engine-driven pumps.

6 - 12

7-1