

# The New 4-place American Traveler/AA-5



Fly American-Style . . .

## The All-New American Traveler/AA-5

It's exciting. It's economical. It's fun. It's reliable. It's a true four-place, low cost aircraft with a modern low wing design that out-performs anything in its class. And it's built specifically for the rapidly growing family of fliers who love to fly - American-style.

American-style construction strengthens the Traveler without adding excess weight. Like the revolutionary American Yankee and American Trainer, the Traveler uses super strong aluminum honeycomb panels and metal-to-metal bonding construction . . . techniques pioneered by American Aviation.

American-style engineering gives the Traveler outstanding performance. A top speed of 150 mph and a cruise speed of 140 mph. With four people. On 150 hp. And with the control response that characterizes flying American-style.

American-style economy begins with the Traveler's low initial cost. And its higher cruise speed provides the lowest per-mile operating costs in the industry.

American-style reliability instills a feeling of confidence that you and your family will fly in maximum safety. The Traveler's 150 hp Lycoming engine sets the industry standard for reliability. The Traveler is also the first general aviation aircraft to undergo complete wing and center spar fatigue testing under the new F.A.A. certification requirements for strength and durability. And the Traveler's bonded construction results in a 20% reduction in component parts compared with conventional methods.

American-style comfort and convenience are part of every Traveler. Dynafocal engine mounts and the acoustic insulation inherent in honeycomb construction combine to literally "soak-up" fatigue-inducing sound and vibration, making the Traveler soothingly quiet inside. Add the Traveler's rich upholstery and carpeting and you have the quietest and most comfortable ride of any aircraft in its class.



When you buy a Traveler, American-style, you get the industry's first complete airplane. Every American Traveler comes from the factory "ready to fly," with a standard equipment package that includes a sensitive altimeter, outside air temperature gauge, vertical speed indicator, turn coordinator indicator, eight-day clock, landing light, directional and horizon gyros, dual controls, heated pitot system, tinted windows, flashing beacon and full engine instrumentation — plus, a Narco Escort 110 transceiver, M-700 microphone, speaker and antenna — all as standard equipment!

Other American-style exclusive features on the Traveler include:

- Laminated fiberglass gear that provide smooth-riding landings, even on sod runways.
- "Traveler Wagon" rear seats that fold down to give you 41.5 cubic feet of cargo area with two up front.

- A large, sliding canopy that provides easy, effortless access to the interior and which can even be opened in-flight.
- Outstanding visibility with large tinted windows that provide a panoramic view.
- Sparkling exteriors in bright, modern colors that make the Traveler look as distinctive as it performs.

The American Traveler. The all-new, low-cost four-place aircraft for pilots, families, business men, fixed base operators, flight schools, fleet operators. With more performance, more reliability, more economy, more safety and more sheer fun. The fastest, the only low cost, low-wing, full four-place aircraft available today. The airplane that makes it happen — American-style.

*American Aviation...the one to watch!*





## PERFORMANCE AND SPECIFICATIONS\*

<b>WEIGHTS:</b>		
Gross Weight	2,165 lbs.	987 kg.
Empty (Approximate)	1,290 lbs.	585 kg.
Useful Load	1,040 lbs.	472 kg.
Maximum (Approximate)	1,300 lbs.	590 kg.
<b>SPEED:</b>		
Top Speed At Sea Level	240 mph.	241 kph.
Cruise 75% Power At 10,000 ft.	140 mph.	140 kph.
Maximum (Approximate)	138 mph.	137 kph.
<b>RANGE:</b>		
10 Gallon Reserve At 10,000 Ft.	750 mi.	1,207 km.
2.5 Gallon, No Reserve (50% 75% reserve at 10,000 ft.)	600 mi.	967 km.
72 Gallon, No Reserve	4,100 mi.	6,600 km.
<b>SERVICE CEILING:</b>	17,000 ft.	5,182 m.
<b>RATE OF CLIMB AT SEA LEVEL:</b>	800 fpm.	200 m/min.
<b>TAKE OFF:</b>		
Ground Roll	480 ft.	200 m.
Take Off Distance (50 Ft. Obstacle)	1,400 ft.	780 m.
<b>LANDING:</b>		
Ground Roll	250 ft.	110 m.
Take Off Distance (50 Ft. Obstacle)	1,100 ft.	330 m.
<b>STALL SPEED:</b>		
Flaps Up, Power Off	40 mph.	64 kph.
Flaps Down, Power Off	35 mph.	56 kph.
<b>FUEL CAPACITY (Gallons):</b>	30 gal (114 l)	114 l (37 cu ft)
<b>WING LOADING:</b>	187 lb/sq ft.	89.8 kg/m <sup>2</sup>
<b>POWER LOADING:</b>	14.1 hp/HPH	6.7 hp/HPH
<b>DIS. CAPACITY:</b>	8,000	7.6 metric
<b>POWER:</b>		
4-cylinder Piston Engine (18-450 EQ)	150 hp (110 kW)	2,180 rpm
<b>PROPELLER:</b>		
AH Model Fixed Pitch (19-5000)	53 in.	1.2 m.
<b>WINGSPAN:</b>	37.0 ft.	9.4 m.
<b>WING AREA:</b>	102 sq. ft.	11.0 m <sup>2</sup>
<b>LENGTH:</b>	22 ft.	6.7 m.
<b>HEIGHT:</b>	8 ft.	2.4 m.

\*Standard configuration without options.

## STANDARD EQUIPMENT



The following items, optional on the Model AA-5, are standard equipment on the American Traveller:

Smilex airframe / Outside air temperature gauge / Vertical speed indicator / Turn coordinator indicator / Green lam beacon / Dual controls / Eight-day clock / Instrument landing light / Towbar / Door lock and electrical gauge / Radio navigation / Fixed emergency Radio Panel / 110 radio with M-300 microphone, speaker and antenna / Deluxe all-ayer seats with ocean stripe and contrasting trim stripes and numerals.

The following items are standard equipment on both the Model AA-5 and the American Traveller:

**CRASH FEATURES:** Aerobic cut-off exterior fuel/air shut / Airports, fixed (two) rear (two) / Airtaxi (two) / Arrest three (two) / Egress steps / Cabin air ventilation, high volume, directional / Egress latch, inboard-side, key lock / Carpet, black nylon, fibre and side panels / Landing, shock-type / Cigarette lighter / Cabin console (1-1/2" deep rear seat) / Coat rack / Glove compartment / Five heater and spot fans / Headrest, rear (two) / Head rest, fabric / Ignition switch, key-operated / Steering system, cabin / Transmission, padded glass shield / Instrument panel, deluxe / Seat belts (two) / Tail rotor, rear and cabin side panels, one fabric, choice of 3 colors / Shoulder harness (two) / Sound-proofing, cabin and baggage area / Tail rotor, vinyl, vinyl, rear seat (optional) / Wheelchair restraint (two optional).

**CONTROL FEATURES:** Advance and retractable legs / Adjustable tail-ground adjustable flap / Brake, air operated/hydraulic / Elevator trim system / Electric flap / Flap indicator / Flap/brake / Rubber tire, tail, ground adjustable.

**ELECTRICAL SYSTEM:** Alternator, 12-volt, 60 amp / battery, 12-volt, 25 amp/hr / Lights, cabin dome / Lights, instrument (variable intensity) / Lights, navigation / Standard wiring system / Voltage regulator, 12 volt, 60 amp.

**EXTERIOR FEATURES:** Choice of 3 exterior colors / Wheel, wire wheel / Landing gear, "Fast-Sever" / Nose gear, 60-amp, tube mounted / Step struts (two) / Tail, large (17 x 0.005) / Trim stripe and numerals, choice of 8 colors / Wheel hub covers / Wing and tail door-opening.

**FUEL SYSTEM:** Engine driven, fuel-cylinder type / Fuel pump, electric, auxiliary / Fuel pump, engine-driven / Fuel selector valve, three position / Fuel sampler cup / Fuel tanks, 30 gallons / Quick drain, fuel tank (two).

**INSTRUMENTS:** Airspeed indicator / Altimeter / Annular / Fuel pressure gauge / Fuel quantity gauge, electric (two) / Magnetic indicator / Oil pressure gauge / Oil temperature gauge / Pitot / Resolving tachometer / Stall warning, audible.

**POWER PLANT:** 160-hp Lycoming, 4-cylinder (18-450E2G) / Carburetor air filter / Carburetor air heating system / Dual magnetos / Electric start / Muffler with heat exchanger / Fuel-air mix, manual/goodie / Piston / Oil cooler / Propeller, variable, de-iced, built-in type / Shocking spring / Suspension system, dual shock absorbers / Vibration absorber.

12/1/2008

A-1155

1-800-4-A-FLY

## TRAVELER COLOR SELECTIONS



## MODEL AA-5 COLOR SELECTIONS

Exterior consists of one off-white base color plus two horizontal trim stripes on fuselage and vertical stabilizer. Trim stripes and registration numbers must all be same color.

## INTERIOR COLOR SELECTIONS



Standard interiors on both models feature lascherm vinyl side panels and seat bolsters with matching fabric inserts. Acorn and Off-White bolsters may be combined with either Acorn or Off-White fabric overalls. Distressed vinyl interior options on both models.



**American Aviation Corporation**

318 Danco Road, Cleveland, Ohio 44116