

# Specification and Description

## "Exhibit A"

# Skylane

# The New Cessna 182T Skylane

## Specification and Description

---

**Dated January 2003**

---

**Beginning With Serial #18281198**



### Introduction

This document is published for the purpose of providing general information for the evaluation of design, performance and equipment of the Cessna Skylane. Should more information be required, please contact:

Cessna Aircraft Company  
Single Engine Piston Aircraft  
2603 S. Hoover Rd.  
Wichita, Kansas 67215  
1-800-4-CESSNA  
[www.se.cessna.com](http://www.se.cessna.com)

This document supersedes all previous Specification and Description documents and describes only the Skylane Model 182T, its powerplant and equipment.

Also included are the warranties applicable to the Skylane Model 182T aircraft, the Textron Lycoming IO-540-AB1A5 engine, the McCauley propeller and the OEM-installed Bendix/King avionics.

In the event of any conflict or discrepancy between this document and the basic purchase agreement, the basic purchase agreement language shall govern.

Due to the time span between the date of this Specification and Description and the scheduled delivery date of the aircraft, Cessna reserves the right to revise the "Specification" whenever occasioned by product improvements, government regulations or other good cause.

**Manufacturer: Cessna Aircraft Company**

**Model: 182T**

## General Description

All information herein applies to the Skylane (Model 182T).

The Skylane aircraft is an all-metal, single-engine piston, high-wing monoplane with a four-person seating capacity including a crew of one or two. Suitable allowance for luggage is provided.

The Model 182T is certified to the requirements of U.S. FAA Federal Aviation Regulation Part 23 including day, night, VFR and IFR.

### Approximate Dimensions

Overall Height (max)	9'4"	(2.84 m)
Overall Length	29'	(8.84 m)
Wing		
Span (overall)	36'	(10.97 m)
Area	174 sq ft	(16.2 sq m)
Cabin		
Height (max)	48.5"	(1.23 m)
Length (firewall to aft baggage area)	134"	(3.40 m)
Width	42"	(1.07 m)
Cabin Door		
Height (front)	41"	(1.04 m)
Height (rear)	38.5"	(.98 m)
Width (top)	32"	(.81 m)
Width (bottom)	36.5"	(.93 m)
Baggage Door		
Height (front)	22"	(.56 m)
Height (rear)	20.5"	(.52 m)
Width	15.8"	(.40 m)

### Design Weights and Capacities

Maximum Ramp Weight	3,110 lbs	(1,411 kg)
Maximum Takeoff Weight	3,100 lbs	(1,406 kg)
Maximum Landing Weight	2,950 lbs	(1,338 kg)
Standard Empty Weight	1,924 lbs	(873 kg)
Maximum Useful Load	1,186 lbs	(538 kg)
Baggage Allowance	200 lbs	(91 kg)
Fuel Capacity		
Total capacity	92 gal	(348.2 L)
Total usable	87 gal	(329.3 L)
Total capacity each tank	46 gal	(174.1 L)
Total usable capacity each tank	43.5 gal	(164.6 L)
Oil Capacity	9 qts	(8.5 L)

## Skylane Equipment List

The following list of equipment is included on the standard aircraft and it does not reflect optional equipment.

### AVIONICS:

KMA-28 Audio Panel/Marker Beacon/Intercom  
 CI-102 Marker Beacon Antenna  
 KX-155A NAV/COM with Glide Slope  
 KI-209 VOR/LOC/GS  
 CI-248 VHF Antenna  
 CI120-400 NAV Antenna  
 KT-76C Transponder - Mode C  
 CI-105 Transponder Antenna  
 SSD120-30A Blind Encoder  
 KAP-140 Dual Axis Autopilot w/Altitude Preselect  
 KCM-100 Configuration Module  
 KS-270C Pitch Axis Servo Actuator  
 KS-271C Roll Axis Servo Actuator  
 KS-272C Pitch Trim Servo Actuator  
 Pilot Control Wheel - Pitch Trim Switch/AP Disconnect  
 3000-11 Emergency Locator Transmitter  
 Emergency Locator Transmitter External Antenna  
 Emergency Locator Transmitter Remote Mounted Switch  
 FN300 Avionics Cooling Fan  
 Avionics Circuit Breaker Panel  
 Control Wheel Push-To-Talk Switch - Pilot/Copilot  
 Mic & Phone Jacks - Pilot/Copilot/Passengers  
 Auxiliary Stereo Input Jack

### ELECTRICAL POWER:

Alternator, 28 Volt, 60 Amp  
 Battery, 24 Volt, 12.75 AH, Manifold Type

#### Electrical Circuit Panel

- Ignition & Starter Switch, Key Operated

- Alternator/Battery Master Switch
- Split Avionics Master Switch
- Circuit Breakers, Electrical
- Switch Breakers, Electrical

#### Electrical J-Box

- Alternator Control Unit
  - Ground Service Receptacle
  - Starter Relay
  - Alternator Relay
  - Battery Relay
  - Ground Power Relay
- Auxiliary Power Jack -12 Volt

### ENGINE INSTRUMENTS:

Oil Pressure/Temperature  
 Ammeter/Vacuum  
 LH/RH Fuel Quantity  
 Manifold Pressure/Fuel Flow  
 Fuel Pressure Transducer  
 Exhaust Gas Temperature/Cylinder Head Temperature  
 Tachometer - Hour Recorder  
 Flight Hour Recorder

#### Annunciator Panel

- LH Low Fuel Light
  - RH Low Fuel Light
  - LH Low Vacuum Light
  - RH Low Vacuum Light
  - Low Oil Pressure Light
  - Low Voltage Light
  - Pitch Trim Light
- Annunciator Panel Test/Day/Night Switch

### ENVIRONMENTAL:

Windshield Defroster, Pilot/Copilot

Ventilator, Adjustable (6 places)  
 Heating System, Shrouded Muffler w/Firewall Valve  
 Soundproofing

### EXTERIOR:

Epoxy Corrosion Proofing, All Structure  
 LH Door, Pilot w/Hinged Window, Lock and Key  
 RH Door, Copilot w/Hinged Window  
 Baggage Door, w/Lock and Key  
 Rear Window  
 All Windows Tinted  
 Gear Jack Pads  
 Fixed Landing Gear  
 White Polyurethane Exterior Paint  
 Refueling Steps and Handles, Wing Struts and Fuselage  
 Fixed Cabin Entrance Steps  
 Tie Down Rings, LH/RH Wing & Tail

#### Tube Type Tires

- Nose - 5.00 X 5
  - Mains - 6.00 X 6
- Conical Camber Wing Tip  
 Strut Braced, Camber Lift Wings  
 Winterization Kit  
 Static Wicks

### EXTERIOR LIGHTS:

Ground Recognition - Vertical Tail, Reduced Drag  
 Navigation, LH/RH Wing Tip & Tail  
 Navigation Lights, Detectors, LH/RH  
 Wing Tip Strobe, LH/RH  
 Landing and Taxi, LH Wing  
 Underwing Courtesy, LH/RH

**FLIGHT CONTROLS:**

Hydraulic Brakes, Toe-Operated  
 Parking Brake  
 Stainless Steel Control Cables  
 Leather Wrap Control Wheels, All Purpose Pilot/Copilot  
 Electrical Preselect-Flaps  
 Dual Flight Control-Aileron/Elevator/Rudder  
 Steerable Nose Wheel  
 Aileron and Elevator Lock  
 Elevator Trim  
 Rudder Trim

**FLIGHT INSTRUMENTS:**

Airspeed, w/True Airspeed  
 Attitude Gyro  
 Dual Mode Altimeter (In/Mb), Sensitive 20,000 ft  
 Turn Coordinator, w/Slip Skid  
 Directional Gyro w/Heading Bug  
 Vertical Speed  
 Magnetic Compass  
 Digital Clock, w/OAT/Volts/Flight Hours  
 Pitot System - Heated  
 Static System  
 Alternate Static Source  
 Dual Vacuum Pump System, Engine Driven  
 Audible Stall Warning System - Heated

**FUEL SYSTEM:**

Electric Auxiliary Fuel Pump  
 Engine Driven Fuel Pump  
 Integral Fuel Tanks, 88 Gal. Usable  
 Fuel Selector Valve, Left/Both/Right/Off  
 Fuel Strainer, Incorporated with Fuselage Quick Drain  
 Fuel Tank Quick Drain, 5 per wing  
 Fuel Sampler Cup  
 Fuel Vapor Return System

**INTERIOR:**

Light and Dark Taupe Cloth/ Mink Vinyl Seats  
 Seat Belts & Shoulder Harness, Inertia Reel, All Seats  
**Pilot and Copilot Seats**

- Adjustable Fore and Aft
- Reclining Backs
- Vertical Adjustment

 Rear Seat Bench w/Individual Reclining Back  
 Kydex Upholstery w/Cloth Insert  
 Cup Holders - Passengers  
 Jepp Map Storage Console w/Cup Holders  
 Approach Plate Holder, Pilot Control Wheel  
 Armrests - Pilot & Copilot Doors/Passenger Side Panels  
 Wall-to-Wall Carpet  
 Pilot's Check List  
 Pilot's Operating Handbook  
 Fire Extinguisher, Hand Held  
 Glareshield w/Lighting  
 Control Wheel Lock  
 Clothes Hanger Bar  
 Metal Instrument Panel, w/Removable Subpanels  
 Map/Glove Compartment  
 Baggage Net  
 Radio Call Plate  
 Map & Storage Pockets  
 Cabin Door Scuff Plates  
 Sun Visors, Pilot & Copilot

**INTERIOR LIGHTING:**

Avionics Instruments Internally Lighted  
 Avionics Radios Internally Lighted  
 Engine Instruments Internally Lighted  
 Flight Instruments Internally Lighted  
 Glareshield Lighting  
 Cabin Overhead Lights, Pilot/Copilot/Passenger  
 Interior Lights Dimming Control  
 Map Light, Pilot Control Wheel  
 Radio Call Plate Internally Lighted  
 Compass Internally Lighted  
 Pedestal Lighting

**POWER PLANT AND ACCESSORIES:**

Lycoming IO-540-AB1A5 Engine  
 230 HP @2400 RPM  
 Certified for 100LL & 100 Fuel  
 Fuel Injection System  
 Tubular Steel Engine Mount  
 Dynafocal Rear Mount  
 Automatic Alternate Engine Air  
 Oil Cooler  
 Rigid - Shock Mounted Cowling  
 Manual Cowl Flaps  
 Induction Air Filter  
 Full Flow Oil Filter  
 Throttle Control  
 Vernier, Mixture Control  
 Vernier, Propeller Control  
 Dual Ignition System, Shielded Magneto  
 Engine Exhaust Muffler  
 McCauley Constant Speed,  
 3 Blade Metal Propeller  
 Propeller Governor  
 Propeller Spinner, Polished  
 Electric Starter

## Performance

### Conditions

All estimated performance data are based on airplane weights at 3,100 pounds; standard atmospheric conditions; level, hard-surface, dry runways; and no wind. They are calculated values derived from flight tests conducted by Cessna Aircraft Company under carefully documented conditions and will vary with individual airplanes, pilots, and numerous other factors affecting flight performance.

#### Speed, CAS

Maximum at sea level . . . . . 150 kts

Cruise, 80% power at 7,000 ft . . . . . 145 kts

#### Cruise (Recommended lean mixture with fuel allowance for engine start, taxi, takeoff, climb and 45-minute reserve)

80% power at 7,000 ft . . . . . range 773 nm (1,432 km)

87 gallons usable fuel . . . . . time 5.4 hr

55% power at 10,000 ft . . . . . range 930 nm (1,722 km)

87 gallons usable fuel . . . . . time 7.60 hr

Rate of Climb at Sea Level . . . . . 924 fpm (282 mpm)

Service Ceiling . . . . . 18,100 ft (5,517 m)

#### Takeoff Performance

Ground roll . . . . . 795 ft (242 m)

Total distance over 50-ft obstacle . . . . . 1,514 ft (461 m)

#### Landing Performance

Ground roll . . . . . 590 ft (180 m)

Total distance over 50-ft obstacle . . . . . 1,350 ft (411 m)

#### Stall Speed, CAS

Flaps up, power off . . . . . 54 kts

Flaps down, power off . . . . . 49 kts

Wing Loading . . . . . 17.8 lb/sq ft (86.9 kg/sq m)

Power Loading . . . . . 13.5 lb/hp (6.1 kg/hp)

Engine: Textron Lycoming . . . . . IO-540-AB1A5

230 BHP at 2,400 RPM

Propeller: 3-bladed Constant Speed, Diameter . . . . . 79 in (2.01 m)

*Specifications subject to change without notice.*

## Optional Equipment

### Avionics

#### NAV I:

Standard Avionics Plus:

KLN 94 GPS-IFR  
 CSE GPS-Nav Selector/Annunciator  
 2nd KX 155A Nav/Comm With Glideslope  
 KMD 550 Multifunction Display  
 KI 209A VOR/LOC/GS Indicator With  
 GPS Interface

#### NAV II:

Standard Avionics Plus:

KLN 94 Color Moving-map GPS-IFR  
 CSE GPS-Nav (HSI)  
 Selector/Annunciator  
 2nd KX 165A Nav/Comm With Glideslope  
 KMD 550 Multifunction Display  
 KI 209A VOR/LOC/GS Indicator With  
 GPS Interface (Exchange)  
 KI 525 HSI  
 WX500 Weather Mapping Sensor  
 FIS TAS & EGPWS Wiring Provisions w/NAV II

**KMH 880:** *with NAV II only*

Traffic Awareness System  
 (TAS) and Terrain-Enhanced  
 Ground Proximity Warning  
 System (EGPWS)

**KDR 510:** *with NAV II only*

Flight Information Services (FIS)

#### ADF:

KR 87 ADF System

#### Air Conditioning

Keith Products

## Exterior Striping Options

515D: Fed Ex Gray and Arista Blue Stripes; Arista Blue Tail, Cowling and Wingtips; White Logos; Gray Registration Number.

515E: Charcoal Gray Metallic and Imperial Red Metallic Stripes; Charcoal Gray Metallic Tail, Cowling and Wingtips; White Logos; Dark Red Registration Number.

## Interior

Leather Seat Surfaces, Mink Leather  
 with Perforated Mink Leather Insert / Mink Vinyl

Fabric Seat Surfaces, Light and Dark Taupe Cloth / Mink Vinyl

## **CESSNA'S LIMITED WARRANTY (SINGLE ENGINE PISTON AIRCRAFT)**

Cessna warrants the aircraft and all parts included therein are free from defects in material and workmanship under normal use and service for a period of twenty-four (24) months after delivery to the original retail purchaser or first user, except as hereafter noted. Cessna's limited warranty also applies to aircraft paint; however, the warranty period for aircraft paint is twelve months after delivery of the aircraft to the original retail purchaser or first user. Engines, engine parts accessories, avionics, batteries and propellers are specifically excluded from this warranty. Replacement spare parts sold by Cessna, excluding engines, engine part accessories, avionics, batteries and propellers are warranted for 6 months after installation or first use, except as hereafter noted. Cessna's obligation under this warranty is limited to repairing or replacing with new, overhauled or exchange parts, at its option, any part or parts found defective by its examination which are returned by the owner within the applicable twenty-four (24) or six (6) month period to any Cessna appointed or Cessna Contracted Distributor appointed Service Station. Replacement parts are warranted only for the remainder of the applicable twenty-four (24) or six (6) month original warranty period. The repair or replacement of defective parts under this warranty will be made without charge to the owner for parts and labor for removal, installation and/or actual repair, except that the owner shall pay all import duties, sales and use taxes on replacements. This limited warranty does not apply to parts subjected to misuse, negligence, improper installation, accident, alteration; repairs not authorized by Cessna; normal maintenance services (cleaning, control rigging, brake and other mechanical adjustments, maintenance inspections, etc.); replacement of service items (light bulbs, brake linings, filters, hoses, tires, cowl mounts, etc.); or to normal deterioration of soft trim and appearance items (paint, upholstery, rubber-like items, etc.) due to wear and exposure.

**TO THE EXTENT ALLOWED BY APPLICABLE LAW, THIS LIMITED WARRANTY IS EXPRESSLY IN LIEU OF AND CESSNA SPECIFICALLY DISCLAIMS AND EXCLUDES ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED IN FACT OR BY LAW, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE REMEDIES OF REPAIR OR REPLACEMENT ARE THE ONLY REMEDIES UNDER THIS WARRANTY.**

**CESSNA DISCLAIMS AND EXCLUDES ALL OTHER OBLIGATIONS AND LIABILITIES WHETHER IN CONTRACT OR IN TORT, INCLUDING LOSS OF USE, LOSS OF TIME, LOSS OF VALUE, INCONVENIENCE, COMMERCIAL LOSS OR ANY OTHER DIRECT, CONSEQUENTIAL, SPECIAL OR INCIDENTAL DAMAGES.**



## Textron Lycoming Warranty (Limited) New Reciprocating Aircraft Engine What Textron Lycoming Promises You

Engine Model	Aircraft Model
IO-360-L2A	Cessna-172R, 172S
IO-540-AB1A5	Cessna-182T
IO-540-AC1A5	Cessna-206H
TIO-540-AK1A	Cessna-T182T
TIO-540-AJ1A	Cessna-T206H

Textron Lycoming warrants the above listed engine model new reciprocating engine sold by it to be free from defects in material and workmanship for a period of twenty-four (24) months after aircraft delivery to the original retail purchaser or first user. Textron Lycoming's obligation under this warranty shall be limited to its choice of repair or replacement, on an exchange basis, of the engine or any part of the engine, when Textron Lycoming has determined that the engine is defective in material or workmanship. Such repair or replacement will be made by Textron Lycoming at no charge to you. Textron Lycoming will also bear the cost for labor in connection with the repair or replacement as provided in Textron Lycoming's then-current Removal and Installation Labor Allowance Guidebook. Any engine or part so repaired or replaced will be entitled to warranty for the remainder of the original warranty period.

### YOUR OBLIGATIONS

The engine must have received normal use and service. You must apply for warranty with an authorized Textron Lycoming distributor within 30 days of the appearance of the defect in material or workmanship.

Textron Lycoming's warranty does not cover normal maintenance expenses or consumable items. The obligations on the part of Textron Lycoming set forth above are your exclusive remedy and the exclusive liability of Textron Lycoming. This warranty allocates the risk of product failure between you and Textron Lycoming, as permitted by applicable law.

Textron Lycoming reserves the right to deny any warranty claim if it reasonably determines that the engine or part has been subject to accident or used, adjusted, altered, handled, maintained, or stored other than as directed in your operator's manual, or if nongenuine Textron Lycoming parts are installed in or on the engine and are determined to be a possible cause of the incident for which the warranty application is filed.

Textron Lycoming may change the construction of engines at any time without incurring any obligation to incorporate such alterations in engines or parts previously sold.

This limited warranty is exclusive and in lieu of all other warranties and representations, express or implied or statutory, whether written or oral, including but not limited to any warranty of merchantability or fitness for any particular purpose, and any implied warranty arising from any course of performance or dealing or trade usage. This warranty is also in lieu of any other obligation, liability, right, or claim, whether in contract or in tort, including any right in strict liability in tort or any right arising from negligence on the part of Textron Lycoming, and Textron Lycoming's liability on such claim shall in no case exceed the price allocable to the engine or part that gives rise to the claim.

### LIMITATION OF LIABILITY

In no event, whether as a result of a breach of warranty, contract, or alleged negligence, shall Textron Lycoming be liable for special or consequential or any other damages, including but not limited to loss of profits or revenues, loss of use of the engine, or cost of a replacement.

No agreement varying this warranty or Textron Lycoming's obligations under it will be binding upon Textron Lycoming unless in writing signed by a duly authorized representative of Textron Lycoming.

Cessna Model Aircraft Only  
Textron Lycoming  
Williamsport, Pennsylvania  
Original Engine Installation Only  
Effective 1996

## McCauley Limited Warranty

McCauley Propeller Systems (McCauley), Vandalia, Ohio, U.S.A., expressly warrants each new propeller and governor produced and sold by McCauley to be free from defects in material and workmanship under normal use and service for a period of thirty-six (36)-months after delivery to the original retail purchaser or first user.

McCauley's obligation under this limited warranty is limited to repairing or replacing, at its option, any propeller, governor, or parts therefore that are properly returned by the owner, with a written statement providing a description of the alleged defect, to McCauley at Vandalia, Ohio, or to any McCauley-appointed Service Station authorized by such appointment to service the individual McCauley new propeller and governor, within thirty-six (36)-month period after delivery to the original retail purchaser or first user, transportation charges prepaid, which upon examination shall be determined to McCauley's sole satisfaction to have been defective. A new warranty period is not established for warranty replacements. Replacements are warranted for the remainder of the applicable warranty period.

The repair or replacement of defective parts under this warranty will be made by McCauley or its authorized Service Stations without charge to the owner for parts, cost of part repair, or labor for removal or installation, except that export/import duties, and sales and/or use taxes, if any, on replacements are solely the owner's or first user's responsibility.

The provisions of this limited warranty do not apply to incidents including, but not limited to, any McCauley new propellers and governors, and the parts therefore, which have been subject to misuse, negligence, or accident; which shall have been repaired or altered outside of McCauley's factory in any way so as in the sole judgment of McCauley to adversely affect their performance, stability, or reliability; to normal maintenance services (such as cleaning, mechanical adjustments, and maintenance inspections); to the replacement of service items made in connection with normal maintenance; to normal deterioration of soft trim and appearance items (such as paint and rubber like items) due to wear and exposure; to parts that have been improperly installed by entities other than McCauley and/or McCauley-appointed Service Stations; or to propellers, governors, and the parts therefore, which are not maintained, stored, or utilized as directed in the aircraft's pilot's operating handbook.

Without McCauley's prior written approval, the new propeller limited warranty is void on any new propeller and/or governor installed on a non-type certificated engine, or on any engine that has received an overhaul or modification which is not approved by the engine manufacturer and which results in a change to the vibratory environment of the engine such as, but not limited to, an alteration of horsepower, operating RPM, crankshaft damper configuration, compression ratio, magneto timing, camshaft design, or any other overhaul or modification not expressly approved by the original engine manufacturer.

To the extent allowed by applicable law, THIS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED IN FACT OR BY LAW, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE REMEDIES OF REPAIR OR REPLACEMENT SET FORTH HEREIN ARE THE ONLY REMEDIES UNDER THIS LIMITED WARRANTY. McCAULEY DISCLAIMS ANY OBLIGATION OR LIABILITY, WHETHER IN CONTRACT OR IN TORT (AND WHETHER FOR NEGLIGENCE, STRICT LIABILITY, PRODUCT LIABILITY OR OTHERWISE), INCLUDING LOSS OF USE OF THE PRODUCT WARRANTED, LOSS OF TIME, INCONVENIENCE, LOSS OF PROFITS, COMMERCIAL LOSS, OR ANY OTHER DIRECT, CONSEQUENTIAL, SPECIAL, OR INCIDENTAL DAMAGES. THIS WARRANTY IS IN LIEU OF ANY OBLIGATION OR LIABILITY ON THE PART OF McCAULEY TO ANYONE OF ANY NATURE WHATSOEVER BY REASON OF THE MANUFACTURE, SALE, LEASE, OR USE OF THE WARRANTED PRODUCTS AND McCAULEY NEITHER ASSUMES NOR AUTHORIZES ANYONE TO ASSUME FOR IT ANY OTHER OBLIGATION OR LIABILITY IN CONNECTION WITH WARRANTED PRODUCTS. THE UNITED NATIONS CONVENTION ON CONTRACTS FOR THE INTERNATIONAL SALE OF GOODS, 1980, AND ANY SUCCESSOR THERETO, IS EXPRESSLY EXCLUDED FROM THIS WARRANTY.

## **Bendix/King Equipment Retail Warranty Statement For Cessna Aircraft Company Single Engine Program**

A. General Aviation Avionics products manufactured by Honeywell under the brand name Bendix/King (collectively referred to herein as "Honeywell") are warranted against defects in design, material, or workmanship caused by Honeywell or its authorized agent(s) for the warranty period as defined in Paragraph (B) of this statement, which occur under normal and intended use and service, subject to all of the qualifications and conditions hereinafter stated.

B. The warranty term for new product(s) installed on new aircraft shall be twenty-four (24) months from delivery to the original retail purchaser or first user. Cessna to provide warranty start date information.

C. Any product Honeywell finds to be in violation of the warranty as set out in Paragraph (A) hereof, at the option of Honeywell, shall be repaired, replaced, or exchanged in accordance with the following procedures:

1. Products shall be returned to any authorized Honeywell Service Center or Honeywell Regional Product Support Repair/Overhaul Facility, with transport charges prepaid.
2. After correction, the products shall be returned to the purchaser with surface transportation charges prepaid.
3. The risk of loss or damage to all products in transit shall be borne by the party initiating the transportation of such products unless the purchaser makes a request for specific mode of transportation. In such case, the risk of loss and the cost of shipment shall be borne by the purchaser.

All items repaired or replaced hereunder shall be warranted for the unexpired portion of the original warranty period.

D. This warranty specifically excludes defects that Honeywell determines to be the result of any or all of the following:

1. Abuse, accident, or misuse
2. Contamination, negligence, tampering, or improper storage or maintenance
3. Repair or attempted repair by unauthorized persons or use of non-Honeywell or unauthorized repair or replacement parts
4. Products not installed by an authorized Honeywell Installation Facility in accordance with the appropriate installation manual.

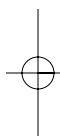
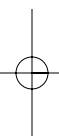
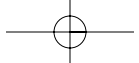
E. The warranty as set out in Paragraph (A) is the only warranty for Honeywell products and is in lieu of all other warranties expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose that are herewith expressly excluded and disclaimed.

F. The remedies as set out in Paragraph (C) hereof state the entire liability of Honeywell and constitute the sole and exclusive remedy of the purchaser. Honeywell shall not be liable for any other claim, loss, or damage, including, but not limited to, incidental, consequential, or other kinds of damages whether based on contract, tort, negligence, or other theory of product liability.

G. Honeywell reserves the right to make design changes, additions to, and improvements in its products without the obligation to install same in products previously manufactured.

### **THIS IS A LIMITED WARRANTY**

Honeywell  
23500 W. 105th Street  
Olathe, Kansas 66061



SPA03-182TSPEC-15 02/03 1M Litho in U.S.A.

