

ATA CHAPTER

25 | 20 | 00

Passenger Service **On-Board Wheelchair**



PNR 2218-series • On-Board Wheelchair

The On-Board Wheelchair 2218-series sets the airliner standard for the transport of disabled passengers. Light-weight design, durability, safety, appearance, and ease of operation for the cabin crew are just some of the highlights of this design.

Flip-up type armrests allow easy transfer to the individual's passenger seat. The rear wheels have brakes incorporated which are always accessible by the accompanying person. Three belts - shoulder, leg, and foot belt - allow safe transport and transfer in the aircraft cabin.

- Highest possible comfort
- Advanced ergonomic design
- Easy handling
- Excellent manoeuvrability
- Light-weight 12 kg / 25 lbs.
- Accessible to all types of aircraft

→ In accordance with:

- JAR/FAR 25.853 flammability requirements
- SAE ARP 4120 for On-Board Wheelchairs
- Applicable JAR/FAR chapter 25



Folds to minimum size within TWO seconds



PNR 2218-series • Folded – dimensions see next page

ATA CHAPTER

25 | 20 | 00

Passenger Service **On-Board Wheelchair**

Specification 2218-xx

UNFOLDED DIMENSION

Length:	790 mm	31.10 in
Width:	375 mm	14.76 in
Height:	1035 mm	40.75 in
Weight:	13 kg	28.5 lbs

FOLDED DIMENSION

Length:	880 mm	34.45 in
Width:	415 mm	16.34 in
Height:	275 mm	10.80 in

STOWAGE DIMENSION

Minimum dimension for stowage compartment, e.g. dog house or rack behind last seat row (seat recline still possible):

Length:	910 mm	35.83 in
Width:	350 mm	13.77 in
Height:	445 mm	17.52 in

Specification 2218-N-xx

UNFOLDED DIMENSION

The 2218-N-xx is 1 inch smaller

Length:	790 mm	31.10 in
Width:	340 mm	13.39 in
Height:	1035 mm	40.75 in
Weight:	13 kg	28.5 lbs

FOLDED DIMENSION

Length:	880 mm	34.45 in
Width:	370 mm	14.57 in
Height:	275 mm	11.80 in

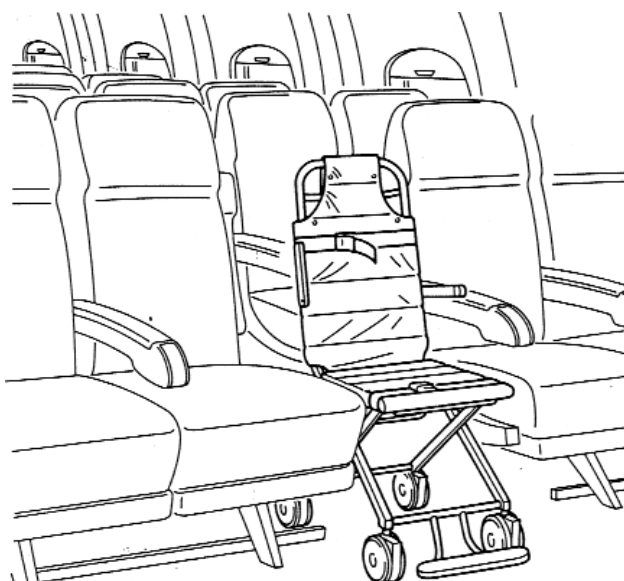
ed. 1/00 subject to alterations

Features Basic Version

- Vinyl cover
- Literature pocket on seat back
- Shoulder, leg, and foot belt with velcro-type ends
- 360° swivel castors
- Foot brake on both rear wheels
- Durable stainless steel chassis
- Color of Cassi, trim and finish according to customer requirements

Options

- Nappa leather cover
- Fabric cover
- Pax-seat-belt-buckels for leg and shoulder belt
- Foldable footrest
- Customer logo on the cover back and structure beams
- Several more options, refer to detailed brochure...



PNR 2218-series • Transfer to passenger seat requires moveable arm rests

ATA CHAPTER

25 | 20 | 00

Passenger Service On-Board Wheelchair

Customers

Alitalia	KLM	TAP Air Portugal
All Nippon Airw.	Kuwait Airways	TAM Airlines
Amiri Flight Qatar	Lauda Air	Thai Airways
American Airlines	LTU	THY Turkish Airl.
Austrian Airlines	Lufthansa	US Air
British Midland	Martinair	Vietnam Airlines
CSA	Northwest Airl.	World Airways
China Airlines	Olympic Airways	Yemenia
China Northwest	Oman Air	
Condor	Philippine Airl.	
DaimlerChrysler	PIA	Airbus
Edelweiss	Qatar Airways	Boeing
Egypt Air	Royal Jordanian	DASA
Emirates	Ryan	Falcon Dassault
Eva Air	International	Jet Aviation
Finnair	SAS	
Garuda	SAUDIA	
Iberia	Singapore Airl.	
Iran Air	Skyservice	
Iran Asseman	Sri Lankan Airw.	
JAS	Swiss	

Issue: MAR. 2005

Certification & Performance

- OBW meets Airbus Industrie specifications
- OBW meets Boeing D6-55441 requirements
- OBW meets SAE ARP 4120 Aerospace Recommended Practices
- All non metallic parts in accordance with: JAR/FAR 25.853 (a)
- Approved by the German Aviation Authorities (LBA) under technical specification TS 40.400/1TS

Static load tested to:

- Armrest: 136 kg down / 68 kg side
- Assist handle: 136 kg up/down
- Seat pan: 250 kg down
- Backrest: 90 kg down
- Footrest: 136 kg down
- Single wheel: 136 kg down

The loads are ultimate loads and have been tested by static test in our approved test facilities.



PNR 2218-series • Each wheelchair can be customized to fulfill each customer's unique requirements

ATA CHAPTER

25 20 00

On-Board Wheelchair Storage



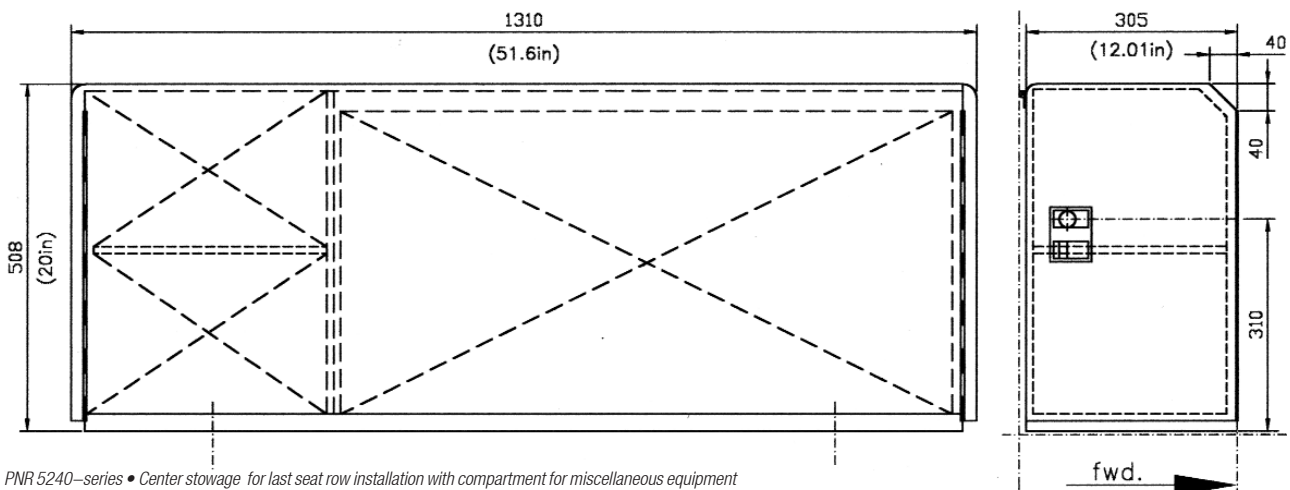
PNR 5240-series • Stowage rack

Where to stow the on-board wheelchair aboard an airplane is always a big question. The best location in general is the space behind the last seat row next to the galley, lavatory, or class divider. Innovint offers several solutions.

Customized according to the seat layout a stowage can be installed behind the last seat row. The stowage functions like a dog house and is available for lateral or center installation. The center stowage will have on the one side an additional compartment for miscellaneous cabin equipment.

A less cost intensive alternative is a stowage rack. The L-back shell is made of aluminum honeycomb and covered with a canvas cover which can be opened by a zipper. The on-board wheelchair is fastened inside with an additional belt.

If space can be made available in existing stowage compartments, a protective bag and strap assy for fastening can be provided.



PNR 5240-series • Center stowage for last seat row installation with compartment for miscellaneous equipment