

## **MILLENNIUM UNIT #685 (2218)**

### **2014 H3-45 - 4 SLIDE – MID PRIVACY BATH**

#### A/C and Heating Systems

- 4 - 15,000 BTU Reverse Cycle, heat pump, roof mounted, air conditioning systems with Crestron controls, I-pad controls and hardwired thermostats
- Auxiliary electric heat strips on all air conditioner units
- Air conditioning ducted through ceiling with easy access return points and changeable filters
- 65.6K BTU Aquahot heater with 2 – 120 VAC 2000 watt each electric heating elements.
  - Aquahot exhausts through roof
  - Engine heating loop system.
- Electric radiant floor heat
- Aquahot toe board heaters zoned on three thermostats including one in plumbing bay
- Electric heat in bathroom toe board with separate thermostat
- Thermostatically controlled 120 VAC ceramic heat in plumbing bay
- Thermostatically controlled 120 VAC ceramic heater in first & second storage bay
- Adjustable directional vents with millennium's center line design to maximize air flow when slide outs are closed
- Web Remote access to temperature settings
- Email alert if interior temperature reaches 100 degrees with hotspot enabled coaches

#### Electrical Systems

- Continuous and uninterrupted marine grade tin plated stranded wiring
- 24 V house electrical charging system
- Lutron Home Works coach automation control system with Crestron interface and remote diagnostic capabilities
- 1- 10" digital Crestron touchpad in dash and 1- 4" digital Crestron touchpad in plumbing bay
- 2 I-Pad touchpad controllers with docking stations
- Marine grade electrical breaker panels
- 20 KW Powertech ultimate turbo generator with gaged airbag suspension
  - Exclusive Millennium generator radiator roof mounted system
  - Generator exhausts through roof
  - Auto start feature controlled by Lutron and Crestron
  - Unique battery boost circuitry
  - Emergency power loss email notifier

- Ultra quiet generator compartment marine grade sound dampening insulation system
- 100-amp automatic transfer switch
- 4 – 3,500-Watt Outback 24 V pure sine wave inverters
  - 4 inverter disconnects with marine grade switches
  - 2 manual inverter by-pass switches
- 8 – 4D AGM deep cycle batteries
- Generator starting circuitry utilizes either chassis or house batteries
- Exclusive Millennium engineered generator auto start system with power loss start capability and email notification
- 85' shore power cord on Glendenning electric reel with remote control
- 15 amp to 30 amp shore cord adapter and a 30 amp to 50 amp shore cord adapter
- Dedicated hardwired Lutron light switch panels in every room
- Occupancy sensors for lighting controls
- Cabinet LED toe kick lighting throughout coach
- Accent lighting around ceiling hardwood trim
- LED accent lighting around window frames
- Dimmable LED ceiling lights in Italian fixtures
- 2 station intercom system with remote control exterior camera and monitor in stateroom
- LED lights inside all interior cabinets
- Wi-Fi hotspot cellular internet access system
- Built-in 4G hotspot cellular amplifier

## Audio Visual Systems

- 55" Samsung Smart LED TV on a marine grade TV lift system (Salon)
- 22" Samsung Smart LED TV (Passenger)
- 40" Samsung Smart LED TV (Stateroom)
- 8x8 High Definition Switcher with a built in 16/16 Analog Audio Switch controlled by Crestron
- Bose Lifestyle 35 Surround Sound System with I-Pod/I-Phone docking station (Salon)
- Bose 321 Sound System with built in DVD player (Stateroom)
- Blue Ray player on all TVs
- Crestron Control System with I-Pad integration controlling:
  1. Lighting
  2. Awnings
  3. Slide Controls
  4. Mechanical Systems
  5. Air Conditioning and Heating
  6. Shades
  7. I Secure System

8. Security Cameras and DVR
  9. FLIR thermal imaging camera
  10. Audio/Video Functions
  11. Inverter Controls and Status
  12. Awning Window Controls
  13. Quick Reference Phone List
- 40 Channel Cobra 29 LTD CB Radio with weather band and remote external speaker
  - Kenwood/Garmin Navigation System with built in Blue tooth hands free system and Sirius XM Tuner
  - 40" Samsung Smart LED TV with Bose 321 Sound System(Bay)
  - King Dome In-Motion Satellite System with 2 HD DVR Satellite Receivers
  - Winegard 3 LNB High Definition Satellite Antenna System for HD programming while parked
  - Stationary Full Digital High Definition Off-Air marine grade Antenna
  - Ground Loop noise isolation on cable TV input
  - HDMI wiring to all smart TVs
  - Easy to use and understand graphics on I-Pad controls
  - Apple Mac Mini Computer with wireless keyboard and mouse. Available on all TVs
  - Apple TV available on all TVs
  - 4 Security Cameras (upgradable to 8 cameras) with 2 TB DVR (upgradeable to 8 TB). Available on all TVs and I-Pads
  - External satellite antenna connection and switching
  - 4G hotspot cellular amplifier

## Plumbing System

- 165-gallon polished food grade stainless steel fresh water tank
- 80-gallon polyurethane black water tank
- 90-gallon polyurethane gray water tank
- Machined aluminum laminate with stain free finish
- Polished stainless steel on compartment walls and floor
- Aluminum plumbing bay substructure
- Hot and cold faucet in plumbing compartment with soap dispenser and paper towel holder
- Cold faucet for tank clean out
- Manablock plumbing system for constant pressure
- Individual shut off valves on all fixtures
- Stainless steel hardware
- 2 – 2000-watt electric heating elements for domestic hot water
- Auto fresh water fill system

- Low fresh water system warnings and emails
- High waste water system warnings and emails
- Water tank monitors on all Crestron panels and I-Pads.
- Built-in 35' fresh water hose on electric reel for fresh water fill system
- Fresh water inlets on both sides of the plumbing bay
- Electric/mechanical 3" dump valves
- 110 VAC jet-pack water pump
- 12V auxiliary water pump system
- Pressure tank for more efficient water pump operation
- Adjustable city water regulator 80 PSI
- 10-micron whole house filter
- 5-micron GE drinking water filter system
- Fresh tank dump valve
- 1450 PSI - 110 VAC pressure washer with 75' - 3000 PSI hose on reel
- Built-in water deionizer for spot free rinse
- Gravity fill inlet on passenger side

## Lavatory and Hall

- Water-jet macerating anti-fume toilet
- Fantastic vent fan with rain sensor in lavatory and shower
- Built-in bidet, cleaner, dryer with both pressure and temperature control
- 3 different types of flush – normal, water saver and rinse for water conservation control
- Granite heated floor in lavatory
- Custom tile and/or glass mosaic backsplashes for all vanity sinks
- Lightweight granite vanities with vessel and under mount/drop-in sinks
- Double handled vanity faucets standard
- Lightweight granite shower walls with inlaid tile and/or glass mosaic
- Custom made lightweight water-tight fiberglass shower enclosure and pan
- Water pressure and temperature control valve in shower
- Full size stacked washer and dryer

## Salon and Galley

- Lightweight, formaldehyde free, Italian poplar wood cabinet construction
- Natural wood veneer with high grade marine polyurethane (no seams, cannot delaminate) and limited lifetime warranty
- Elegant multi-level cabinetry with curved radius exposures for maximized visual appeal

- Lightweight granite counter and table tops with indirect LED lighting
- J-Lounge dinette
- Franke Beach designer sink system
- Roll out shelving in large pantry with automatic locking system
- Custom glass mosaic back splash
- Concealed paper towel holder
- Brew Express Coffee Maker recessed and hard plumbed
- Convection microwave in cabinetry with slide back doors for easy access
- Full size side-by-side refrigerator freezer with ice and water dispenser
- Two burner cook top
- Cabinets are attached directly to bus framework
- All cabinet doors and drawers have positive catches
- Interior of cabinets securely finished with plush liner
- Single handled faucet with built-in sprayer
- Custom designed ceiling with easily cleaned leatherette, mahogany rails, textured inlay and mirrors concealing directional roof air venting
- Hand scraped walnut natural wood flooring in salon, galley and hall
- Window and wall treatments custom designed to enhance beauty of interior while giving occupant maximum exposure to view from windows
- In-house custom crafted sleeper sofa for maximum fit, comfort and style
- In-house custom crafted recliner on ultra-quiet electric slide
- Occasional table with file and printer drawer
- Custom decorative throw pillows
- Custom inlaid and trimmed designer door panels
- Hunter Douglas Power Cell Shades throughout coach which can be operated individually or all together with Crestron touchpad or I-Pad
- Mechanically operated doors with build-in safety disconnect
- LED accent lighting in all side windows

## Stateroom

- Natural wood veneer cabinetry with designer inserts
- Custom designed ceiling with easily cleaned leatherette, mahogany rails, textured inlay and mirrors concealing directional roof air venting
- Reading lights above bed
- Maximized LED lighting on dimmers

- Hunter Douglas Power Cell Shades which can be operated individually or all together with Crestron touchpad or I-Pad
- Custom King size bed with memory foam mattress
- Upholstered bed base with storage drawer
- Indirect and accent lighting
- Custom quilted bedding and decorative throw pillows
- Display cabinets on either side of 40” Samsung Smart LED TV
- Digital safe available in cabinet
- Digital clock with alarm available on I-Pad
- Mechanically operated doors with build-in safety disconnect

## Pilot and Co-Pilot seating area

- Step well cover with control switches by both pilot and co-pilot
- Entrance door step granite has joint covered with polished stainless steel
- Hand rails on both sides of entry
- Custom made fiberglass, ergonomic dash upholstered using double baseball stitching
- Electric privacy screen and sun shades with controls by both pilot and co-pilot
- Burl wood 18” Smart Wheel steering wheel
- Custom burl wood dash panels
- Knoedler Air Chief air ride pilot seat upholstered in-house with decorator inserts and eight-way adjustable has electric base, air controls, massage, heating with ventilation available
- Cup holders and storage compartments by both pilot and co-pilot seating
- 28” co-pilot seat upholstered in-house with decorator inserts and six-way adjustable has electric base, massage, heating and a two-way footrest
- Pilot and co-pilot map lights
- Ergonomically located controls and gages on driver’s dash
- Hard wired Crestron touchpad interfaced with high resolution backup and side view cameras. Easy touch screen pan and tilt and side cameras turn signal activated
- Master lighting switch control inside door
- Keyless touchpad entry system with key fob and integrated alarm
- Open shoe storage in stepwell

## Exterior and Bays

- Keyless touchpad entry



- 120 VAC GFCI receptacles in the plumbing compartment

## **CHASSIS SPECS**

### **GENERAL**

- |                                           |                                  |
|-------------------------------------------|----------------------------------|
| • Length, Overall                         | 45.0 ft.                         |
| • Wheelbase                               | 316.12 in                        |
| • Width, overall                          | 102.0 in                         |
| • Height, overall                         | 149.0 in/160.0 in finished       |
| • Floor-to-ceiling height                 | 83.0 in/ 78.0 in finished        |
| • Cabin floor height (from the ground)    | 63.0 in                          |
| • Under-floor storage                     | 146 cubic ft.                    |
| • Under-floor compartments                | 48.5 in                          |
| • Entrance door width                     | 27.0 in                          |
| • Step height                             | 14.0 in                          |
| • Ground clearance                        | 11.0 in                          |
| • Turning radius                          | 41.8 ft                          |
| • Body construction (structure) steel     | Integral stainless steel         |
| • Body construction (outer shell)         | Fiber composite                  |
| • Body construction (sub-frame)           | Low – alloy/High – tensile steel |
| • Fuel tank                               | 230 gal                          |
| • Fuel filler necks on both sides         |                                  |
| • Gross vehicle weight rating             | 55,500 lbs.                      |
| • Front axle design load capacity         | 19,000 lbs.                      |
| • Drive axle design load capacity         | 22,500 lbs.                      |
| • Tag axle design load capacity           | 14,000 lbs.                      |
| • Allison hydraulic transmission retarder |                                  |
| • Pneumatic drive belts tensioners        |                                  |
| • Turbo boost gauge                       |                                  |
| • Engine coolant filter                   |                                  |
| • Racor fuel filter                       |                                  |
| • Differential lock traction control      |                                  |

### **BRAKES**

- All disc brakes with ABS and Electronic Stability Program (ESP)
- Output retarder



- Front wheel brake boosters Type 27
- Drive wheels brake boosters Type 24-24
- Tag wheels brake boosters Type 14-16
- Parking brake booster on tag wheels

## **STEERING AND SUSPENSION**

- Smart wheel leather with burl wood accents
- Pneumatic tilt & telescopic steering wheel
- ZF Servocom constant power steering
- ZF Servocomtronic variable power steering
- Independent suspension system
- Steering slave cylinder
- Variable steering assistance system
- Front & drive axle sway bars
- Integrated pneumatic level-low leveling system
- Lifiable tag axle

## **FACTORY OPTIONAL EQUIPMENT**

- Factory slide-outs (all electric) 2 front & 2 rear
- Xenon headlights
- Headlamp cleaners
- Fog lights
- Ramco remote chrome heated rearview mirrors
- Central electrical door locking system
- Remote keyless locking entrance door
- Remote keyless locking compartment doors
- Trailer hitch package 20,000 lbs.
- Engine & compartments lighting
- 5 color factory exterior paint with special effect & super clear coat
- Back-up sound alarm
- Hot water booster pump
- Engine fire suppression system
- Tire pressure monitoring system (TPMS)

*\*While every attempt has been made to provide an accurate equipment listing, Millennium is not responsible for errors or omissions.*