



US Postal Service

Next Generation Delivery Vehicle

Supplier Conference

February 18, 2015

Next Generation Of Delivery Vehicles (NGDV)

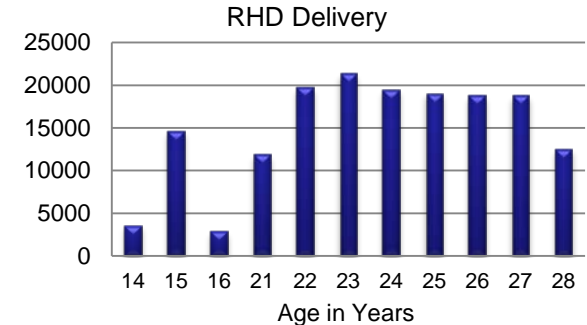
Supplier Conference Agenda February 18, 2015

Agenda Item	Presenter	Est. Time
Welcome/Housekeeping/Introductions	Jacqueline Myers	9:00 – 9:10am
Opening Remarks	Mike Amato	9:10 - 9:30
NGDV Program Timeline	Phil Knoll/Kirby Cothren	9:30 - 10:00
Break		10:00 - 10:15
Vehicle Specifications and Requirements Review (Q&A)	Han Dinh/Dean Edmonds	10:15 - 12:00
<i>LUNCH Break - 12:00 to 1:00pm</i>		
Vehicle Specifications and Requirements Review (Q&A)	Han Dinh/Dean Edmonds	1:00 - 2:30
Break		2:30 - 2:45
Acquisition Process	Mark Guilfoil/Ira Feldman	2:45 - 3:15
Wrap-Up (Q&A)	Don Crone	3:15 - 4:00



Right Hand Drive (RHD) Delivery vehicles

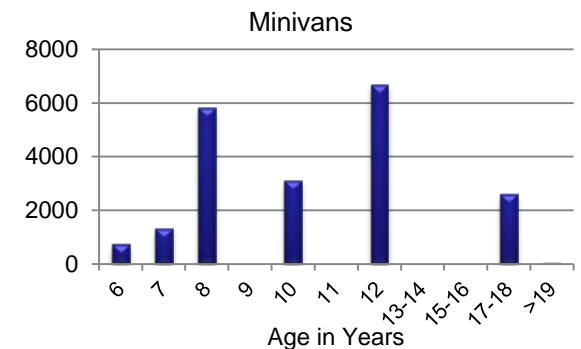
- ❑ 163,000 LLV and FFV vehicles
- ❑ LLVs purchased 1987 – 1994
- ❑ FFVs purchased 2000 – 2001
- ❑ Purpose built light delivery vehicle used on both city and rural routes
- ❑ Used for curbside delivery



RHD vehicles have a maximum expected life of approximately **24 years**; the existing fleet of RHDs ranges in age from **14-28 years**

Left Hand Drive (LHD) Delivery Vehicles

- ❑ Minivans assigned to park & loop and expedited delivery routes
- ❑ Purchased from 1998 – 2008 with a 10 year planned life.
- ❑ Additional vehicles received through the ARRA in 2009-2010
- ❑ Quantity has increased to over 23,000 due to unavailability of RHD vehicles to meet RR MOU

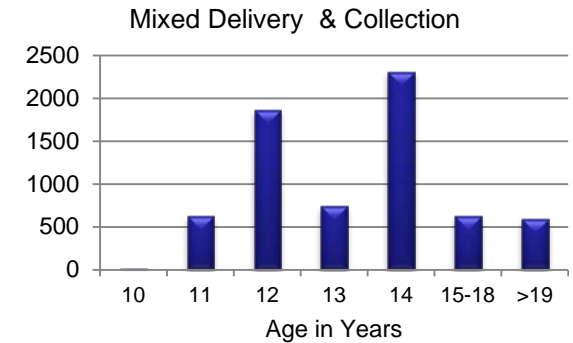


The existing fleet of LHD Minivans ranges in age from 6 to 17 years in active service; **useful life is approximately 10 years**



Mixed Delivery & Collection (2-Ton)

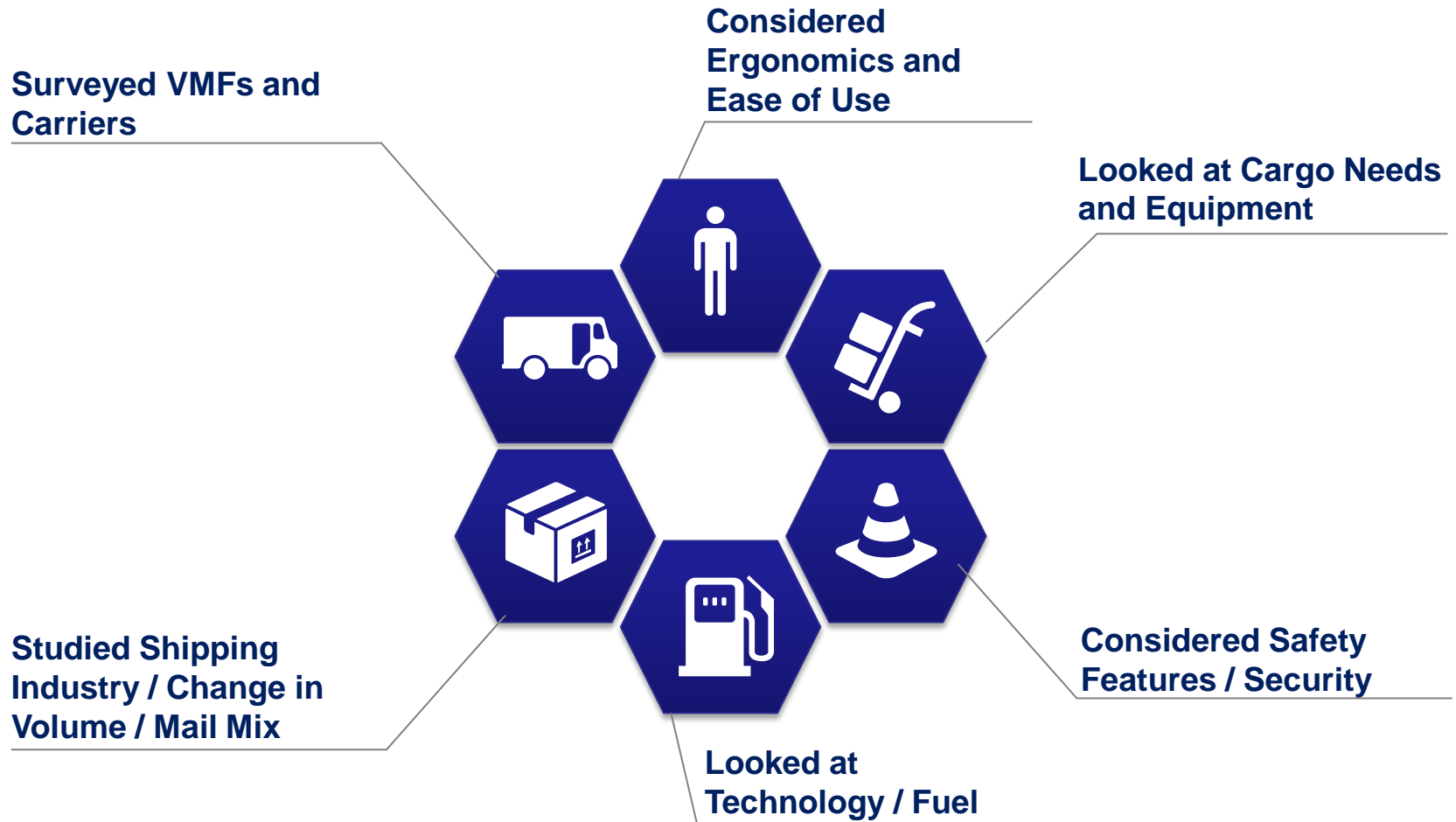
- ❑ Historically have been primarily used on collection routes
- ❑ Rapidly growing requirement for package delivery
- ❑ Walk in body vehicles are specifically designed for easy access to driver and cargo areas
- ❑ Current inventory of 6,700 units with a 12 year planned life



The current fleet of 2-ton vehicles is **aged at or beyond its planned life cycle**, requiring frequent repairs

Considerations for Requirements Assessment

In order to determine the requirements for the Next Generation Delivery Vehicle, we considered the following:

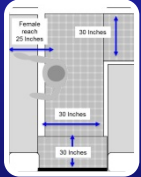


Recommended NGDV General Layout



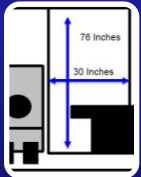
Cargo Space

- 330 to 400 Cubic Feet



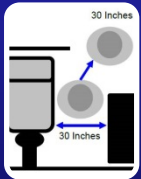
Min. clear floor area

- 72" x 108"



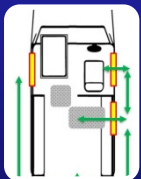
Headroom

- 76"



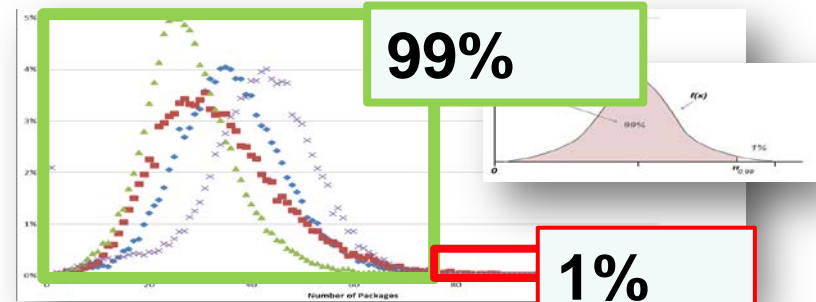
Clear Bulkhead Passage

- 30" wide



Vehicle Dimensions:

- Length 230"
- Width 85"
- Height 106"



- ✓ Vehicle size covers 99% of all routes while allowing the vehicle to be loaded only once
- ✓ Sufficient headroom and internal vehicle design for drivers to access rear cargo area while walking erect
- ✓ Sufficient capacity to allow the vehicle to be loaded only once
- ✓ Better organization of mail and packages and a more concise delivery sequence

- 18 – 20 year planned service life
- Right-hand steering, 2-wheel drive, 4-wheel drive option
- Heavy-duty, automatic transmission, traction-control functionality
- Rear and forward wheels align
- Van-style body with integral cargo and cab compartment constructed of aluminum alloy or composite materials; sliding side doors
- Federal Motor Vehicle Safety Standard (FMVSS) certified with driver side airbag
- Minimum 1500 lb payload capacity (driver plus cargo)
- Air conditioning (optional)

FY14	FY15	FY16	FY17	FY18	FY19
Q1&Q2	Q3&Q4	Q1&Q2	Q3&Q4	Q1&Q2	Q3&Q4

Prototype Phase

- ◆ Specification Complete (Sept-30-2014)
- RFI (Release Jan 20, 2015; Responses Due Mar 6 2015)
- ◆ Supplier Conference - Bolger Center (Feb 18, 2015)
- ◆ Release RFP (April 3, 2015)
- ◆ Prototype Contracts Awarded (July 30, 2015)
- Prototype Testing (March 29-2016; Sept 17, 2016)



Business Case Development

- DAR Development (Aug-2016; Nov-2016)
- ◆ DAR Complete (Nov-2016)
- ◆ IRC Approval (Dec-2016)
- ◆ PMG Approval (Dec-2016)

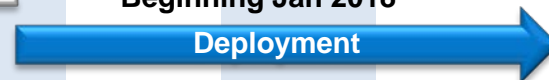
Production Phase

- ◆ Proposal Revision Due (Oct 2016)
- ◆ Award Recommendation (Nov 2016)
- ◆ Contract Award (Jan-2017)

TOOLING AND
PRODUCTION
RAMP-UP

Beginning Jan 2018

Deployment



Next Generation Delivery Vehicle (NGDV) Acquisition Process

**Supply Management - Vehicles
& Delivery/Industrial Equipment
CMC**

February 18, 2015



USPS SM Acquisitions / Background

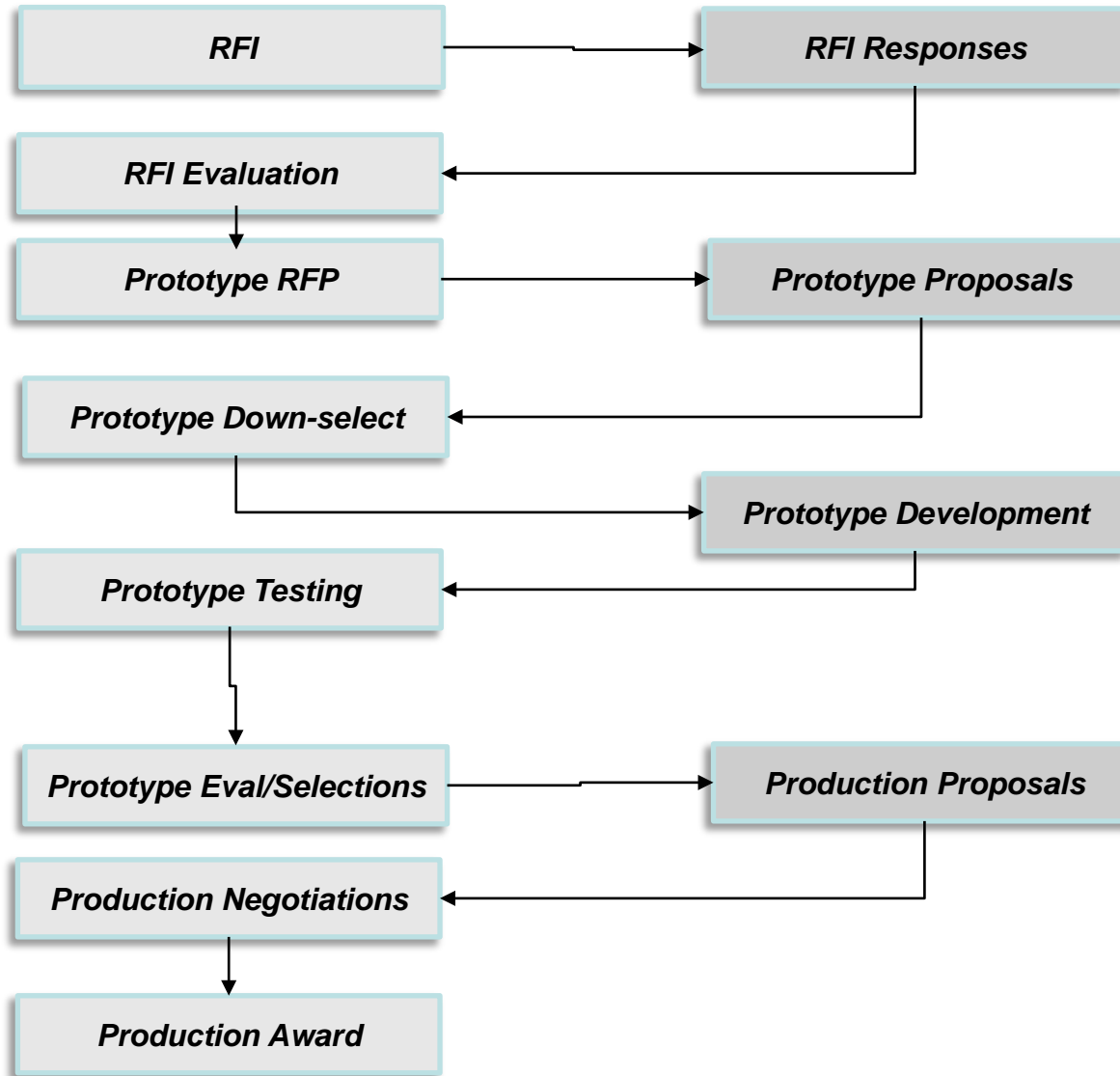
- ❑ Supplying Principles & Practices**
- ❑ Purchase Team: SM, VO, Eng.**
- ❑ Contracting Officer & Contracting Officer's Representative**
- ❑ Publication / Prequalification**
- ❑ Best Value Selection – Technical/Cost**
- ❑ Alternate Proposals**



Overview of planned acquisition process...

USPS

Suppliers





Response to this RFI should contain as a minimum:

- 1. Statements and information regarding potential interest and role(s) in pursuing the NGDV acquisition, including brief summary on the business of the organization, POC information, and principal location(s) and headquarters.**

- 2. Comments and discussion on any and all aspects of the acquisition process and on challenges or issues in meeting the high-level specifications and schedules described herein.**



- 3. Qualifications and capabilities to develop vehicle prototypes and to produce, deliver, and provide for national deployment of up to 180,000 vehicles under this acquisition program. This information should include:**
 - a. An overview of management, vehicle prototype development, and production capabilities to be mobilized to meet USPS acquisition requirements.**
 - b. Past performance and experience relevant to management, vehicle prototype development, and vehicle production.**



- c. Information on the financial strength and resources of the organization or organizational team to manage and execute the prototype development and production requirements of the program, including financials, technical capability, workforce, and facilities. Dun & Bradstreet information and rating should be included.**
- 4. Identification of the locations where the supplier may manufacture the vehicles. If manufacturing will be performed at multiple locations, then a description of which components will be manufactured in which locations.**



NGDV Prototype RFP Acquisition

- Provides Vehicle Specification & Delivery Requirements**
- Proposal Instructions To Offerors: Describe documentation requirements for technical/cost proposal submissions**
- Evaluation Criteria / Best Value Definition**
- Preliminary Production Volumes**
- SPs & Ps Contract Terms & Conditions**



NGDV Prototype RFP Milestones

- Issue RFP** **Early April, 2015**
- Supplier Proposals Due** **June, 2015**
- Supplier Selection(s)** **Late July, 2015**



NGDV Prototype Contract Awards

- ❑ Supplier Build/Performance: August, 2015 – February 2016**

- ❑ Prototype Vehicles Delivered: February, 2016**

- ❑ Prototype Vehicle Testing Phase: 6 months**



RFP for Production Vehicles

❑ Issued to Prototype Vehicle Suppliers: October, 2016

RFP will include:

❑ Final Production Vehicle Specifications

❑ Delivery Schedule

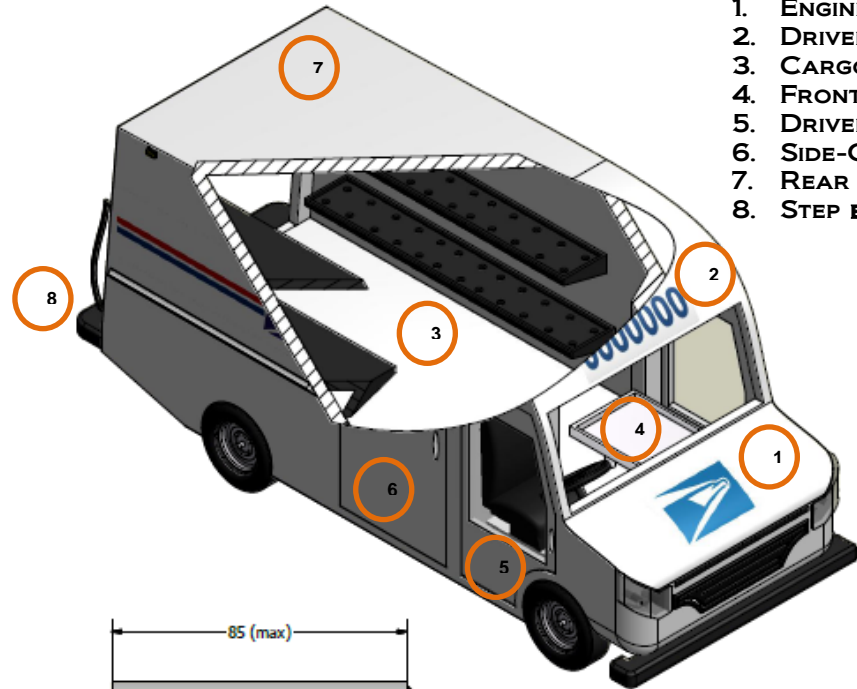
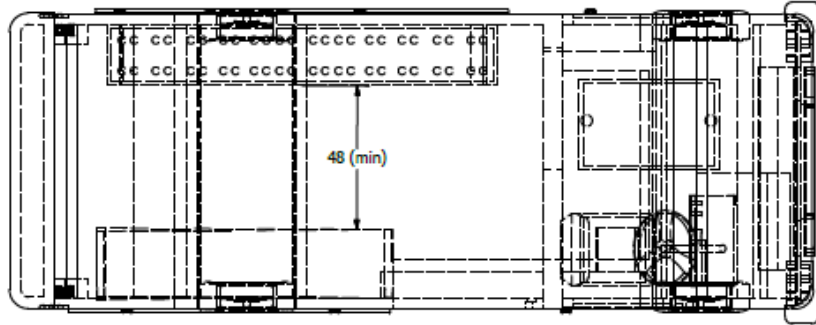
❑ SPs & Ps Contract Terms & Conditions



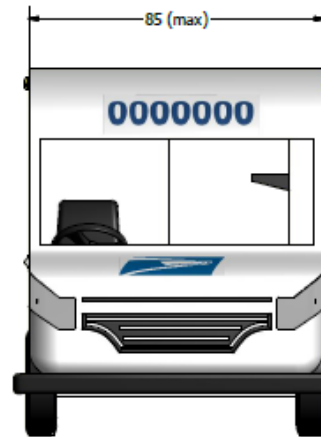
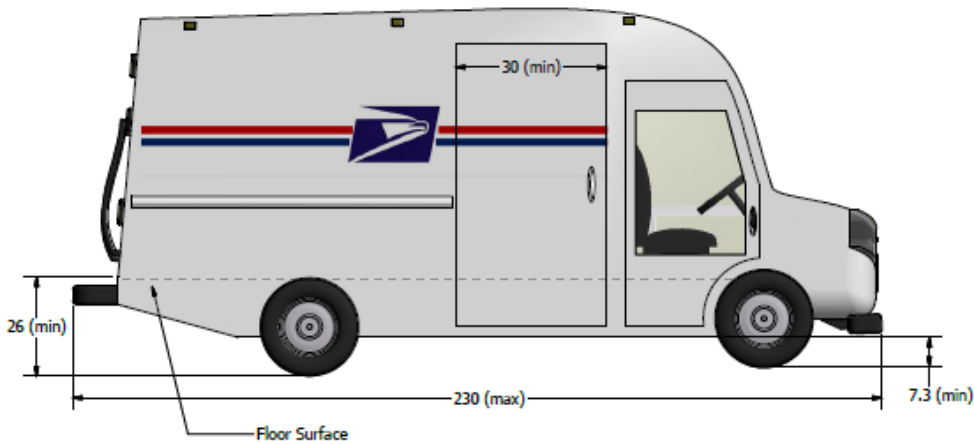
Contract Award for Production NGDVehicles

- ❑ Final Supplier Selection: January, 2017**
- ❑ Supplier Ramp-Up Period: Feb. – Dec, 2017**
- ❑ NGDV Deliveries Begin: NLT January, 2018**

NEXT GENERATION DELIVERY VEHICLE



1. ENGINE COMPARTMENT
2. DRIVER COMPARTMENT
3. CARGO COMPARTMENT
4. FRONT MAIL TRAY
5. DRIVERS DOOR
6. SIDE-CARGO DOOR
7. REAR ROLL-UP DOOR
8. STEP BUMPER



- Width (max) 85"
- Length (max)..... 230"
- Payload 2000 lbs.
- Ground Clearance (min)7.3"
- Interior Cargo Height (min)76"
- Cargo side door width (min) 30"
- Floor height from ground (min,max)26", 28"
- Distance between the Wheelwells (min)48"

*All dimensions are in inches