

Florida National Cemetery

Statement of Work

New casket Van

Location: Florida National Cemetery

6502 SW 102nd Ave.

Bushnell, Florida 33513

Introduction: Florida National Cemetery is in need of a new casket transport van to replace a unit which is beyond it's serviceability. The casket van is used to transport caskets from the committal shelters to their respective burial locations.

The new casket transport body must possess the ability to securely transport up to 4 caskets, in 4 separate bays, and the floral arrangements which accompany the casket. Caskets and floral arrangements must be able to be loaded and unloaded from either side of the vehicle. A full width divider wall must be constructed between each casket storage bay. A full width floral arrangement transport shelf must be installed in each casket transport bay. Each casket transport bay must have a set of casket rollers installed to accommodate loading and unloading of the casket, and to securely lock the casket in place using Bier style pins during transport. Doors suitable for Extreme Duty applications must be used to enclose the casket transport bays. Doors must cover 2 casket transport bays, and be located on both sides of the casket transport body portion of the vehicle, with a total of 4 doors, 2 per side.

The chassis of the casket transport van must possess the ability to carry the above described transport box and up to 4 caskets, which can weigh in excess of 500 pounds each, and the accompanying floral arrangements over varying surfaces and terrains. The chassis must have enough ground clearance to accommodate occasional operation off of prepared road surfaces.

Required specifications and dimensions of chassis:

Dimensions

Exterior length: 261.1" * Cab to axle: 118.0" * Exterior width: 79.4" * Exterior " height: 80.0" * Wheelbase: 176.0" * Front track: 69.4" * Rear track: 77.7" * Turning radius: 30.2' * Front legroom: 42.1 * Front headroom: 42.0" * Front hiproom: 65.6" * Front shoulder room: 68.1"

Powertrain

Triton 305hp 6.8L SOHC 20 valve V-10 engine with SMPI * Recommended fuel : regular unleaded * federal * TorqShift 6 speed automatic transmission with overdrive * Rear-wheel drive * Fuel Economy Cty: N/A * Fuel Economy Highway: N/A

Suspension/Handling

Front Twin I-Beam independent suspension with anti-roll bar, HD shocks * Rear rigid axle leaf spring suspension with HD shocks * Hydraulic power-assist re-circulating ball Steering * Front and rear 16 x 6 painted steel wheels * LT225/75SR16 EBSW AS front and rear tires * Dual rear wheels

Body Exterior

2 doors * Driver and passenger power remote, manual folding door mirrors * Black door mirrors * Chrome bumpers Clearcoat paint * Front and rear 16 x 6 wheels

Convenience

Manual air conditioning * Cruise control with steering wheel controls * Power front windows * Driver I-touch down * Power door locks * Manual tilt steering wheel * Front cupholders * Driver and passenger door bins

Seats and Trim

Seating capacity of 2 * Front bucket seats * 4-way driver seat adjustment * 4-way passenger seat adjustment * Driver and passenger armrests

Entertainment Features

AM/FM stereo radio * Auxiliary audio input * 2 speakers * Fixed antenna

Lighting, Visibility and Instrumentation

Halogen aero-composite headlights * Variable intermittent front windshield wipers * Light tinted windows * Tachometer * Voltmeter * Oil pressure gauge * Trip odometer

Safety and Security*

4-wheel ABS brakes * 4-wheel disc brakes * Dual front impact airbag supplemental restraint system * Power door locks
Fixed front head restraints

Dimensions

General/ Weights			
Curb	5482 lbs.	GVWR	14500 lbs.
Payload	9060 lbs.		
Front Weights			
Front GAWR	5000 lbs.	Front curb weight	3141 lbs.
Front axle capacity	5000 lbs.	Front spring rating	5000 lbs.
Front tire/wheel capacity	4940 lbs.		
Rear Weights			
Rear GAWR	9600 lbs.	Rear curb weight	2341 lbs.
Rear axle capacity	9600 lbs.	Rear spring rating	9600 lbs.
Rear tire/wheel capacity	9880 lbs.		
General/ Trailering			
Towing capacity	12000 lbs.	GCWR	22000 lbs.

Fuel Tank type

Capacity 55 gal.

Off Road

Load floor height 26 "

Rear Frame

Height loaded 26 "

Powertrain

Engine Type

Brand	Triton	Block material	Iron
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Cylinders	V-10	Head material	Aluminum
Ignition	Spark	Injection	Sequential MPI
Liters	6.8L	Orientation	Longitudinal
Recommended fuel	Regular unleaded	Valves per cylinder	2
Valvetrain	SOHC		
Engine Spec			
Bore	3.55"	Compression ratio	9.0:1
Displacement	415 cu.in.	Stroke	4.16"
Engine Power			
Output	305 HP @ 4,250 RPM	Torque	420 ft.-lb @ 3,250 RPM
Torque at clutch engagement	350 lb.-ft.		
Alternator			
Amps	155		
Battery			
Amp hours	72	Cold cranking amps	650
Type			
Transmission			
Electronic control	Yes	Lock-up	Yes
Type	Automatic	Speeds	6

Transmission gear ratios 1st 3.974, 2nd 2.318, 3rd 1.516, 4th 1.149, 5th 0.858, 6th 0.674

Transmission torque converter stall ratio: 1.90

Transmission extras: Driver selectable mode, Heavy Duty oil cooler

Drive type: rear Drive axle ratio: 4.56

Exhaust: Stainless Steel

Emissions: CARB Federal

Fuel type: Gasoline

Suspension: Front- Twin I-Beam independent, with coil springs and shocks

Rear- Leaf spring with shocks

Steering: Hydraulic Power Assist

Brakes: 4 Wheel disk, with ABS

RPM 709

Wheels

Front track	69.4"	Rear track	77.7"
Turning radius	30.2'	Wheelbase	176.0"
Body Features			
Body material	Fully galvanized steel	Side impact beams	Yes
Body Doors			
Door count	2		
Exterior Dimensions			
Length	261.1"	Body width	79.4"
Body height	80.0"	Cab to axle	118.0"
Axle to end of frame	50.5"	Frame section modulus	6.4cu.in.
Frame yield strength (psi)	36000.0	Cab to end of frame	168.5"
Front bumper to back of cab	92.5"		
Safety			
Airbags			
Driver front-impact Seatbelt	Yes	Passenger front-impact	Yes
Height adjustable	Front	Pre-tensioners	Front
Pre-tensioners (#)	2		
Seating			
Passenger Capacity			
Capacity	2		
Front Seats			
split	Buckets	Type	Bucket
Driver Seat			
Fore/aft	Manual	Reclining	Manual
Way direction control	4		
Passenger seat			
Fore/aft	Manual	Reclining	Manual
Way direction control	4		
Front Head Restraint			
Type Front	Fixed		
Driver	Yes	Passenger	Yes
Front Seat Trim			
Material	Vinyl		
Convenience			
AC And Heat Type			
Air conditioning	Manual		
Audio System			
Auxiliary audio input	Yes		
Radio grade	Regular		
Audio Speakers			
Speaker type	Regular		
Audio Antenna Type			
Cruise Control			

Cruise control	With steering wheel controls	
Convenience Features		
Retained accessory power	Yes	
Door Lock Activation		
Type	Power	
Instrumentation Type		
Display	Analog	
Instrumentation Gauges		
Tachometer	Yes	
Engine temperature	Yes	
Instrumentation Warnings		
Oil pressure	Yes	
Battery	Yes	
Key	Yes	
Service interval	Yes	
Instrumentation Displays		
Clock	In-radio display	
Instrumentation Feature		
Trip odometer	Yes	
Steering Wheel Type		
Material	Urethane	
Front Side Windows		
Window 1st row activation		
Window Features		
1 -touch down	Driver	Gauges/Warning lights:
Front Windshield		Voltmeter Yes
Wiper	Variable intermittent	Engine temp Yes
Back material	Vinyl	Oil Press Yes
Radio	AM/FM stereo	Lights on Yes
Seek-scan	Yes	Low Fuel Yes
Speakers	2	
12V DC power outlet 3		
Warranty - Standard Equipment & Specs		
Basic	36000 miles	36 months
Powertrain	60000 miles	60 months
Corrosion/perforation	Unlimited miles	60 months
Roadside assistance	60000 miles	60 months

Selected Options

Description

Engine: 6.8L EFI Triton V-10

Transmission: Electronic 6-Speed Automatic w/OD

4.56 Axle Ratio

GVWR: 14,500 lb Payload Package

Tires: LT225/75Rx16E BSW AS

Wheels: 16" x 6" White Painted Steel

Dual High Back Buckets

Vinyl Seat Trim

Monotone Paint Application

176" Wheelbase

Telescopic Trailer Tow Mirrors w/Flat Lens

B-Pillar Trim Kit

Power Windows & Locks Group

Cruise Control

Radio: ETR AM/FM Stereo/Digital Clock

Ambulance Prep Package Not Required

High Series Exterior Upgrade Package

Daytime Running Lamps (LPO)

Maximum Front GAWR: 5000 lbs.

50 State Emission System

Medium Flint

Oxford White

Modified for Mortuary Use

Casket Transport Body Specs:

118 WB:

176 FW:

BODY SIZE: IL 17' OW 96" IH 84"

FRP

CUTAWAY

STANDARD FEATURES

Flat Floor, 3" Structural Crossmembers, 2 Bolted On Grab Handles, Composite Rear Rollup Door w/ Sideseals , 12" Treadplate
Aerodynamic Front Radius, Cast Aluminum Corner Caps, LED Dome Light w/Switch, Body Fully Undercoated, Mudflaps,

LED ICC Lights, Reflectors

FLOOR: 1/4" Smooth Aluminum Deck
 (2) Coats Undercoating
 (4) Kazoo Drains
 (3) 1/4" Aluminum Full Height / Full Width Divider walls

REAR: No Rear Door ICC
 Bumper

LINING: NONE

BULKHEAD: Solid Bulkhead
 Full Cab Setback

CARGO Spanner Plates (standard Dry Freight) CONTROL:

MISC: (4) 72" H x 72" W Barrel Rollup Doors with lockable closure system
 Full width 1/4" Aluminum Shelf full Length of body 36" off Floor
 LED Dome Light
 Backup Alarm
 Weight Slip
 2nd stage MSO

