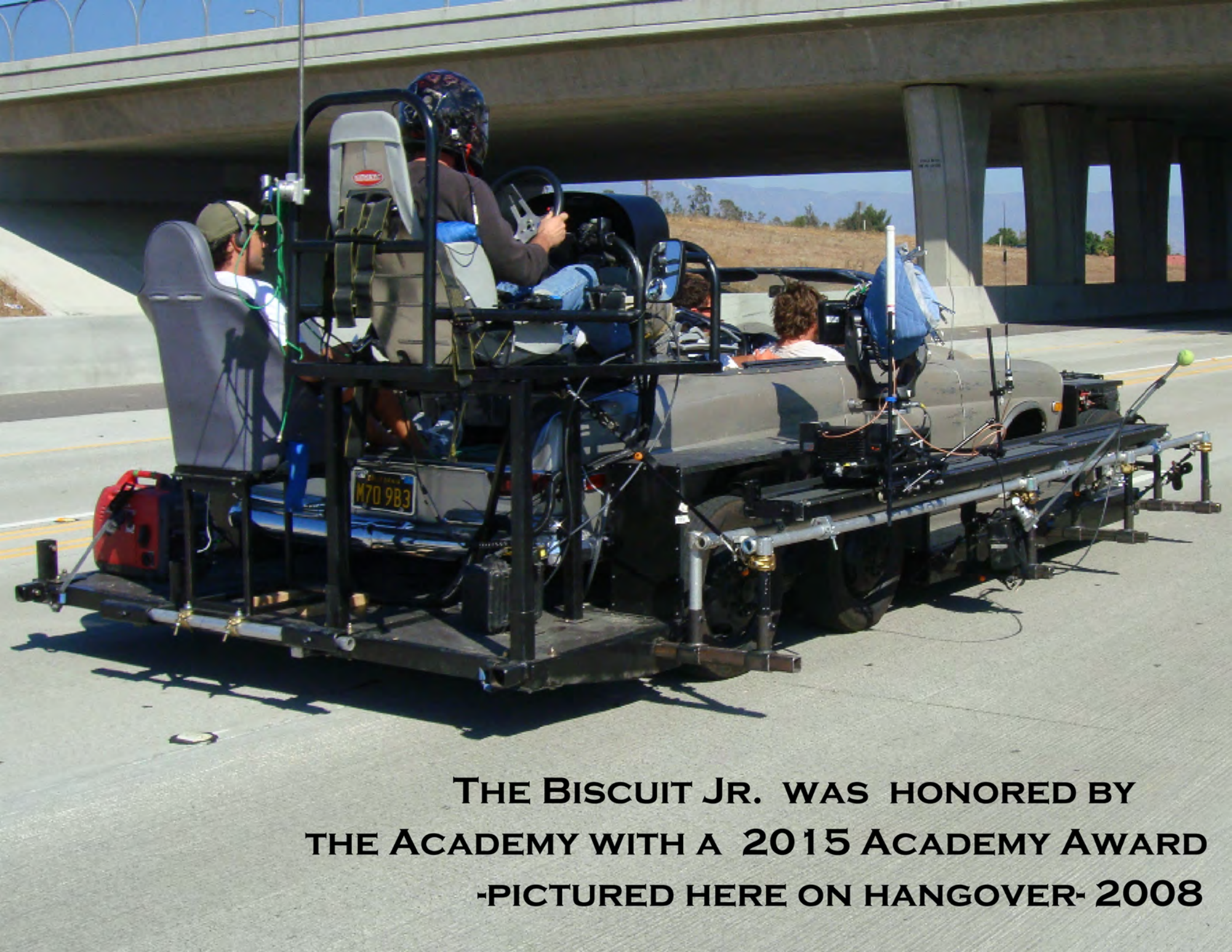
MOTION PICTURE
Allan Padelford
CAMERA CARS
VEHICLE DEVELOPMENT



THE BISCUIT JR. WAS HONORED BY
THE ACADEMY WITH A 2015 ACADEMY AWARD
-PICTURED HERE ON HANGOVER- 2008

ALLAN PADELFORD CAMERA CARS WWW.APCAMCARS.COM 661.268.1330

THE BISCUIT JR. IS A DRIVABLE PROCESS TRAILER POWERED BY A GM 32 VALVE NORTHSTAR ENGINE WITH A 4 SPEED AUTO TRANSMISSION. THE BISCUIT JR. UTILIZES AIR RIDE SUSPENSION FOR RIDE QUALITY AND ADJUSTABILITY. THE UNIQUE POD DRIVER SYSTEM CAN BE MOUNTED IN VARIOUS LOCATIONS ON THE RIG TO BE KEPT OUT OF VIEW OF THE CAMERA DIRECTION. IT CAN ALSO BE USED TO CARRY CAMERAS, CRANES AND SPECIAL EFFECTS RIGS.

BISCUIT

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THE BISCUIT II WAS DESIGNED & BUILT FOR THE MOVIE "TOTAL RECALL" WITH A 2ND SECTION FABRICATED TO ACCOMODATE THE SIZE OF THE SPACECRAFT. THE BISCUIT II HAS MADE ITS WAY INTO THE COMMERCIAL WORLD AND FAST BECOME A DIRECTORS FAVORITE WITH ITS ABILITY TO RECEIVE A FULL SIZE CAR, QUICK POD REPOSITIONING AND THE CONVEINENCE OF PLACING A VEHICLE ON BACKWARDS FOR STUNTS.

BISCUIT II

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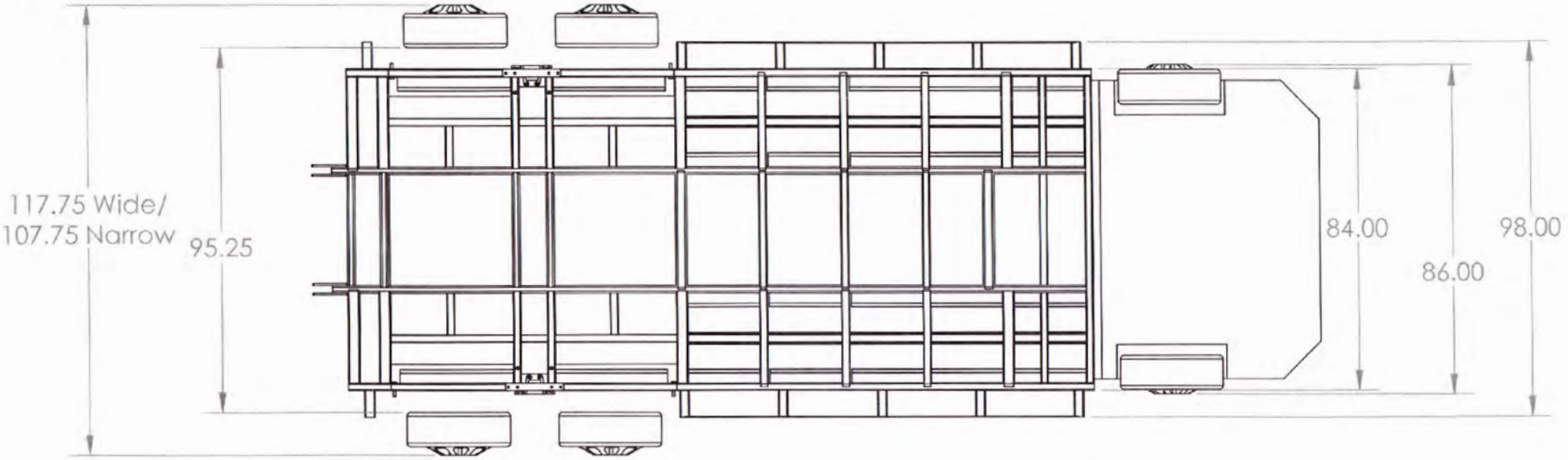
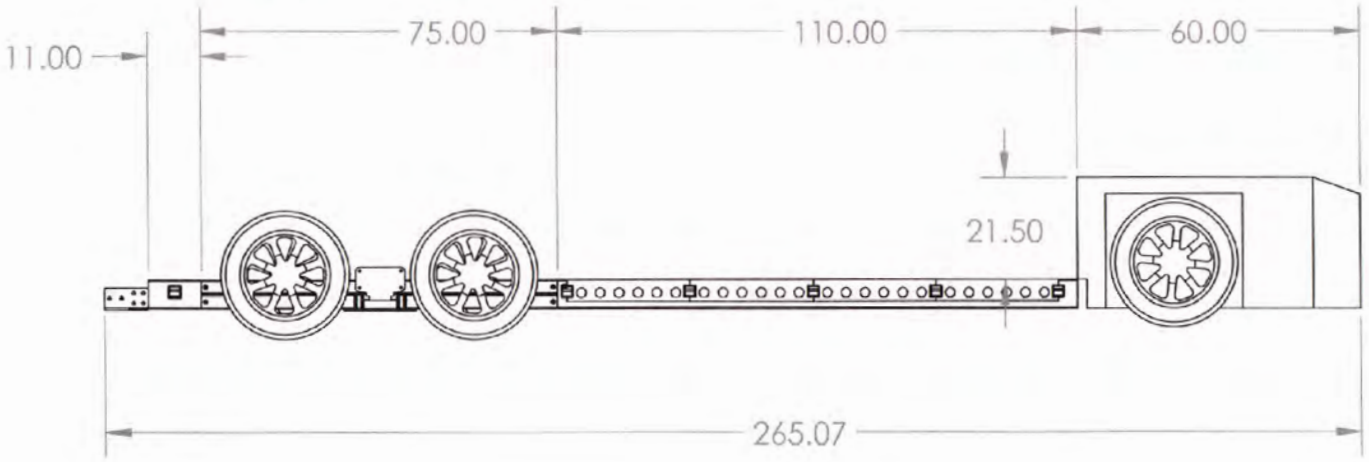
THE POD IS A MODULAR REMOTE DRIVE SYSTEM THAT IS MOUNTABLE TO ANY VEHICLE WITH MINIMAL MODIFICATIONS TO THE EXISTING VEHICLE. REQUIRES MINIMAL RIGGING AND DE-RIGGING TIME. MOST VEHICLES CAN BE RIGGED WITHIN 1-2 WEEKS AND DE-RIGGED IN 1-2 DAYS. VARIOUS MOUNTING OPTIONS OFFER GREATER FLEXIBILITY OF SHOTS. CAN ALSO BE BROKEN DOWN TO BASIC COMPONENTS AND PLACED INSIDE. THE VEHICLE INCORPORATES A SEPARATE BRAKING SYSTEM DESIGNED FOR SAFETY AND STUNT DRIVING WHICH BYPASSES THE VEHICLE FACTORY CONTROLS.

REMOTE DRIVE SYSTEM

Allan Padelford
CAMERA CARS





BISCUIT #2

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ALLAN PADELFORD CAMERA CARS WWW.APCAMCARS.COM 661.268.1330

OUR CADILLAC ESCALADE WAS CUSTOM DESIGNED WITH RACE CAR SUSPENSION TECHNOLOGY AND A DRIVER ADJUSTABLE AIR RIDE SYSTEM. A REINFORCED FRAME WITH FRONT, REAR AND ROOF CAMERA MOUNTS AND A HIGH PERFORMANCE BRAKE PACKAGE INCLUDING ALL WHEEL DRIVE FOR SAFETY. ENGINE UPGRADED TO A 450HP SUPERCHARGEDE ENGINE. INTERIOR MOUNTING SYSTEM ALLOWS FOR EXTRA GEAR OR SPECIALIZED MONITORS. DESIGNED FOR USE WITH OUR EDGE CRANE PACKAGE. INCLUDES: 8 VIDEO MONITORS - COMPLETE VIDEO DISTRIBTION SYSTEM - PREWIRED WITH 12VOLT DC OUTPUTS - 5 PERSON INTERCOM RADIO SYSTEM- HD MONITORS -

ESCALADE

ESCALADE CAMERA CAR
WITH THE EDGE CRANE ON
"FAST FIVE" 2010

edge
EH-1
P.D.T
the edge
Performance Filmworks, Inc.

Allan Padelford CAMERA CARS

the edge CRANE SPECS

WWW.APCAMCARS.COM 661.268.1330

BOOM LENGTH: SIX DIFFERENT LENGTH OPTIONS
RANGING FROM 8 TO 26 FEET

BOOM ROTATION: 360*

360* PAN ROTATION: 4.5 SECONDS

PAN SPEED: 70* PER SECOND

TILT SPEED: 70* PER SECOND

TILT RANGE: 120*

MAXIMUM PAYLOAD

(HEAD AND CRANE COMBINED)

220 LBS.(WITH BOOM LENGTH UP TO 18")

110 LBS. (WITH BOOM LENGTH 22'-26')

CRANE WEIGHT: 750 LBS STABILIZATION:

MAXIMUM HEIGHT

WITH STANDARD EXTENSION: 13'8" WITH 15' BOOM LENGTH

WITH LONGEST EXTENSION: 23.0' WITH 26' BOOM LENGTH

MINIMUM LENS HEIGHT: MINUS 10 FEET

MAXIMUM LENS HEIGHT: 23 FEET

MINIMUN CLEARANCE: 10FT 4IN. (ON ESCALADE)

MAXIMUM VEHICLE SPEED WITH CRANE: UP TO 120MPH
VARIES BY SITUATION

OPERATING TEMPERATURE RANGE: -30*F TO +130*F

POWER SUPPLY: DC

CAMERA ACCESSORY POWER SUPPLIES: 12v,24v,30v

CRANE BALANCE: COUNTER BALANCE WITH SHOT BAGS

SETUP TIME: CAMERA READY IN 5 MINUTES

EXTENSION BUILD TIME: 30 MINUTES FOR 4FT. SECTION
1.30 MINUTES FOR 8FT. SECTION

BOOM LOCK: PAN AND TILT

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On location in Tenerife, Spain- 2012
with Tracker Remote and UpDown Rig on "Fast 6."

OUR PORSCHE CAYENNE TURBO COMES EQUIPPED WITH A 500 HP ENGINE AND ACTIVE SUSPENSION.

DESIGNED TO BE USED WITH OUR TRACKER REMOTE SYSTEM & UP DOWN ELEVATOR RIG.

EQUIPPED WITH INTERCOM SYSTEM & 12V XLR CONNECTORS.

PORSCHE CAMERA CAR

PURPOSE BUILT SUBARU CAMERA CAR DESIGNED FOR UP CLOSE AND SUPER LOW SHOTS IN THE MIDDLE OF THE ACTION. THE EXTERNAL ROLL CAGE PROTECTS THE CAMERA AND THE CAR FROM STUNT VEHICLES. FRONT AND REAR PROTECTION BARS ARE ADJUSTABLE AND REPLACEABLE. MODIFIED SUSPENSION WITH RACING SEATS AND SAFETY HARNESS. HEAVY DUTY RACI NG CLUTCH WITH ENGI NE AND DRIVE TRAIN MODIFICATIONS FOR SPEED AND SAFETY.

SUBIE CHASE CAR

ALLAN PADELFORD CAMERA CARS WWW.APCAMCARS.COM 661.268.1330

OUR ON/OFF ROAD FORD RAPTOR EQUIPPED WITH A SUPER CHARGED ENGINE CAN ARRIVE EQUIPPED TO WORK IN SAND OR SNOW WITH OUR MATT TRACKS OR HANDLE ROUGH TERRAIN WITH OFF ROAD TIRES. REAR BED IS CAMERA READY AND EQUIPPED FOR LIMITED SIDE TOW CAPABILITY. COMPLETE WITH HD MONITORS AND PIC RECORDING .

RAPTOR OFF ROAD VEHICLE

THE RAPTOR ON SET WITH "REVENANT" CALGARY-2015

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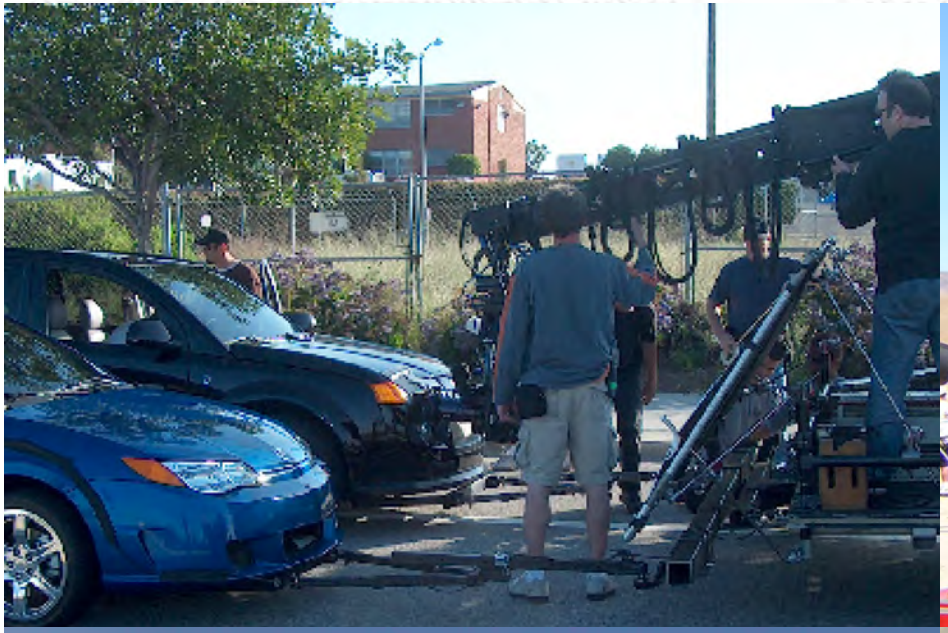

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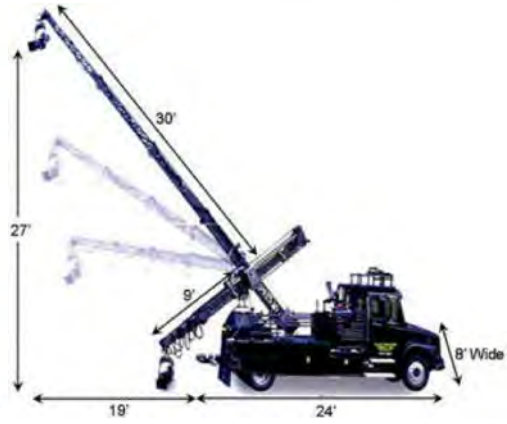
Weight: 21,000 lbs. Including crane and remote system

Capacity: 5,000 lbs.
For personnel
and additional equipment.

Towing Weight: 21,000 lbs.
Including crane and remote system

Engine: Mercedes Diesel,
300HP, 800 ft. lb. Torque

Transmission: Alison 6 speed
Generator:400 amp., Single or phase, camloc connectors

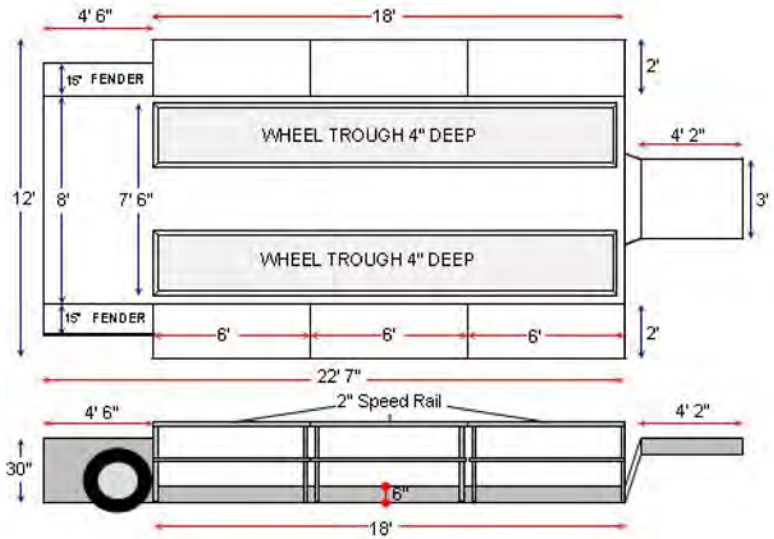


Heavyy duty insert car designed to transport and film with our 30 ft. supertechnocrane. The crane can be transferred from vehicle to dolly within 15 minutes without removing camera or weights. Comes equipped with a 400 amp., 3 phase generator with camloc connectors. With a towingcapacity of 20,000 lbs.. the MTV is capable of towing multiple cars, semitrucks, motor homes, and buses

MTV

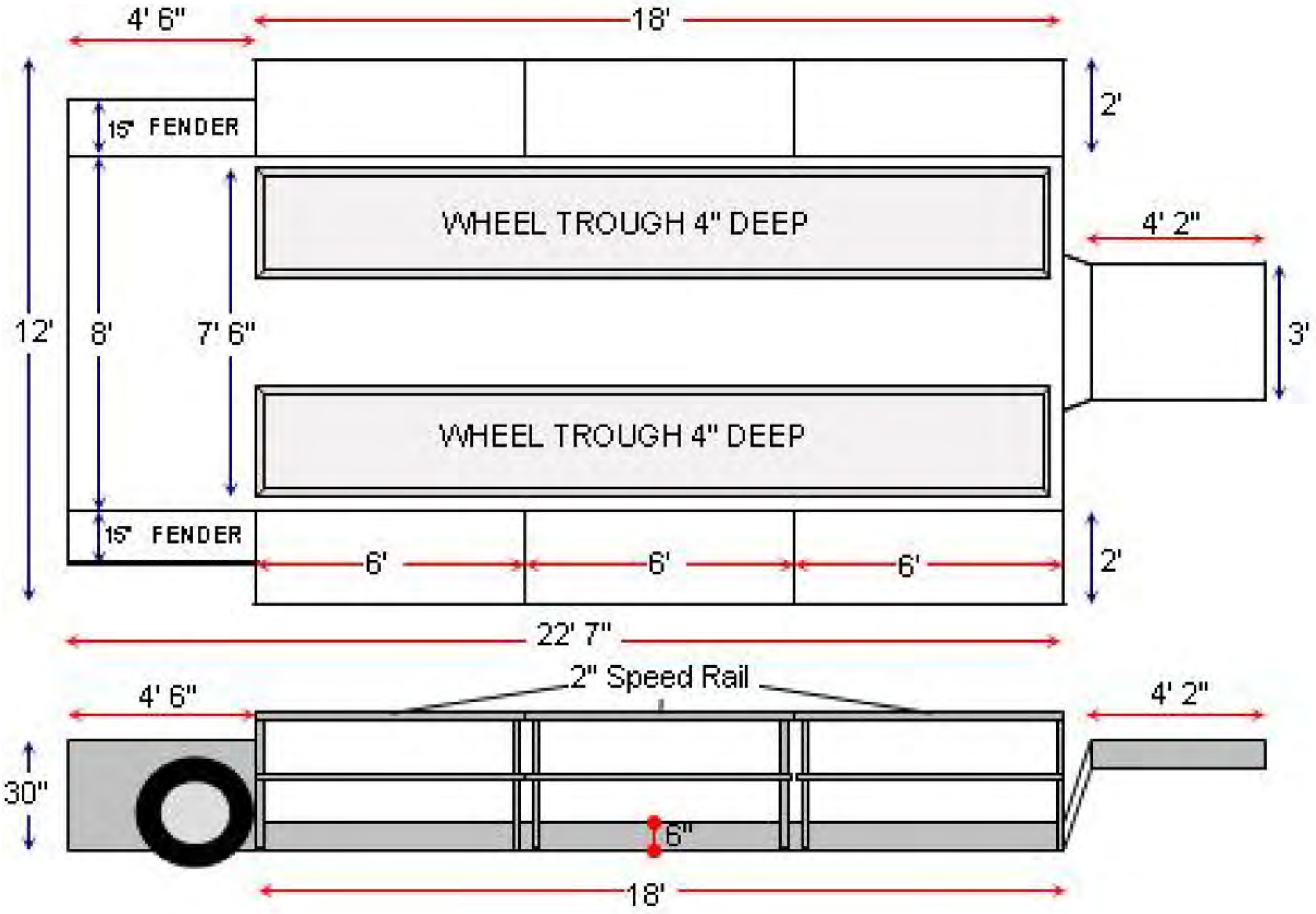
ALLAN PADELFORD CAMERA CARS WWW.APCAMCARS.COM 661.268.1330

THIS LOW PROFILE, AIR RIDE TRAILER KEEPS PICTURE CAR TIRES 4" TO 6" OFF THE GROUND. THE EXPANDING REAR AXLE & TIRES ALLOWS FOR RECEIVING WIDE VEHICLES. A FIFTH WHEEL HITCH MAKES TURNS EASILY, UP TO 90 DEGREES, TRUCK TO TRAILER. DESIGNED TO BE PULLED BY THE MTV WITH OR WITHOUT OUR 30FT. TECHNOCRANE.



PROCESS TRAILER

Allan Padelford
CAMERA CARS



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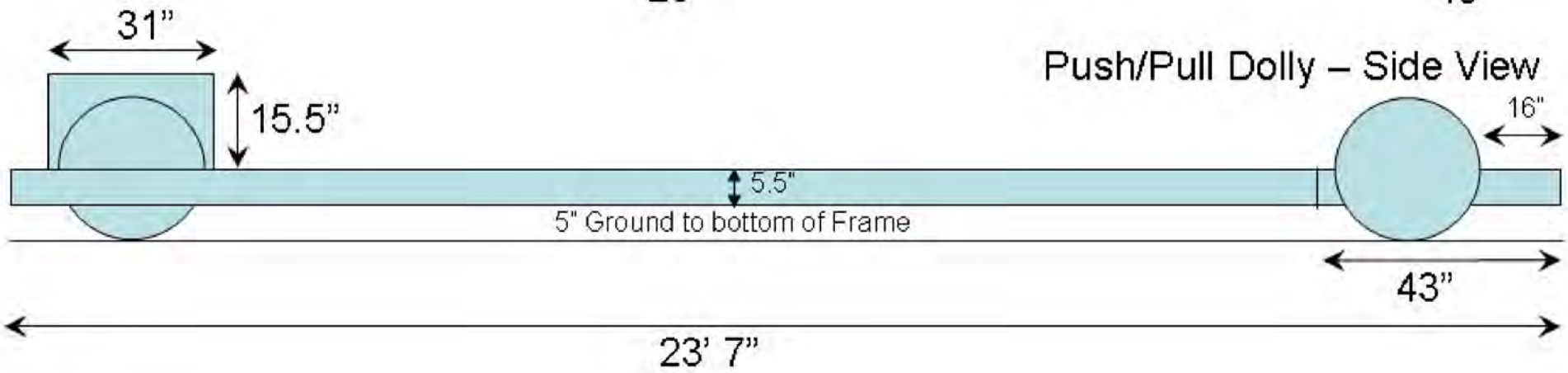
A PUSH-ABLE OR TOW-ABLE PROCESS RIG DESIGNED FOR SHOTS LOOKING FORWARD AND NOT SEEING THE CAMERA CAR. GREAT FOR HANDHELD OR RIGGED INTERIOR SHOTS LOOKING OUT OR HOOD MOUNTS AND HOSTESS TRAYS LOOKING IN. THIS RIG REQUIRES A DRIVER/TECH. IT CAN BE PUSHED OR PULLED BY ANY CAMERA CAR WITH A FRONT AND REAR TOW HITCH. FAST SETUP FROM PUSH TO PULL.

PUSH PULL

Allan Padelford
CAMERA CARS

Push/Pull Dolly – Top View

Push/Pull Dolly – Side View



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THE MAVERICK IS A HIGHLY MANEUVERABLE ON/OFF ROAD INSERT CAR.

A TIGHT TURNING RADIUS AND 360 DEGREE DRIVER VISIBILITY MAKES THIS VEHICLE PERFECT FOR TRACKING HORSES, SKATEBOARDERS, RUNNERS, BICYCLES- AS WELL AS ALL TYPES OF MOTOR VEHICLES. THE MAVERICK CAN ACCOMMODATE UP TO FOUR PASSENGERS, AS WELL AS THE DRIVER AND COMES EQUIPPED WITH A VARIETY OF MOUNTS, INCLUDING A SUSPENSION MOUNT FOR REMOTE SYSTEMS. THE MAVERICK ALSO WORKS WELL FOR HAND HELD AND STILL PHOTOGRAPHY.

MAVERICK

THE JEFF GORDON NASCAR JUMP AND STUNT CARS FOR THE 1998 SUPER BOWL ANSWERED THE QUESTION-
CAN A FULL SIZE NASCAR RACECAR JUMP OVER ANOTHER RACECAR ON THE TRACK WHILE THE FIELD IS MOVING AROUND THE TRACK?
YES IT CAN! TWO TIMES IN A ROW AS A MATTER OF FACT.
WE ENGINEERED OFF ROAD SUSPENSION INTO A NASCAR AND PULLED A SPECIALLY DESIGNED JUMP WITH ANOTHER NASCAR AND THEN JUMPED OVER THE CAR PULLING THE RAMP. RAMP TO GROUND-12 FEET IN THE AIR 95 FEET IN DISTANCE. DRIVER NOT INJURED AT ALL. THERE WERE OTHER STUNT CARS THAT HAD TO DRIVE ON 2 WHEELS TO PASS BETWEEN 2 OTHER CARS AND A CAR THAT WAS ABLE TO DRIVE WITH 2 WHEELS UP ON TIRES UP ON THE WALL.

THE DUDE SLED FOR A MOUNTAIN DEW COMMERCIAL WAS A GIANT SNOW RIG TRAILER DESIGNED TO BE PULLED BY A SNOW CAT WHILE SUPPORTING THE STUNTMAN AS THEY RAN ON ALL FOURS PULLING A DOG SLED WITH A LITTLE DOG AS THE MUSHER. THE DESIGN REQUIRED THAT ALL PARTS AND PIECES BE DESIGNED IN A REMOTE AREA OF THE CANADIAN SNOW COUNTRY WITHOUT FORKLIFTS OR CRANES. ONCE FULLY ASSEMBLED ON THE GROUND, ONE END OF THE RIG WAS ATTACHED TO A TREE AND THE OTHER END ATTACHED TO A SNOW CAT. AS THE SNOW CAT PULLED FORWARD THE RIG RAISED ITSELF UP.

FABRICATION

IN ADDITION TO DESIGN, DEVELOPMENT AND THE BUILDING OF VARIOUS CAMERA VEHICLES, ALLAN PADELFORD CAMERA CARS ALSO BUILDS SPECIAL PROJECTS FOR TV COMMERCIALS, MUSIC VIDEOS AND MOTION PICTURES. OUR SHOP CAN CREATE ALMOST ANY PROJECT THAT REQUIRES MOVING PARTS-MECHANICAL, HYDRAULIC, AIR, ELECTRONIC, REMOTE OPERATED-WHATEVER IT TAKES.

OUR FAVORITE EXAMPLES:

THE BISCUIT RIG, NICKNAMED THE USS SEA BISCUIT, WAS DESIGNED AND BUILT IN OUR SHOP IN JUST 24 DAYS FOR THE MOVIE "SEA BISCUIT." WE HAD BEEN TOYING WITH THE IDEA OF BUILDING A SELF-PROPELLED PROCESS VEHICLE FROM OUR FLEET WHEN WE GOT THE CALL FROM THE SEA BISCUIT CREW. THEY WANTED TO BE ABLE TO DRIVE AROUND THE HORSE TRACK ALONGSIDE REAL HORSES WHILE FILMING THE CLOSE UP SHOTS OF THE ACTORS ON MECHANICAL HORSES WITH AT LEAST 2 CAMERAS AND A CREW OF 10 AND AT SPEEDS OF 40 TO 50 MPH. THE VEHICLE WAS BUILT FROM SCRATCH USING 1TON 4 WHEEL DRIVE AXELS, AIR-RIDE SUSPENSION AND A 500 HORSEPOWER CHEVY ENGINE. THE BISCUIT RIG SAT AT ONLY 34 INCHES HIGH WITH THE DRIVER AT GROUND LEVEL IN THE FRONT, SO THAT THE CAMERA COULD SHOOT LOOKING FORWAD OR BACKARDS WITHOUT ANY OBSTRUCTION OF THE VEHICLE OR DRIVER.

FABRICATION

28258 Constellation Rd. Santa Clarita, CA 91355
(661) 268-1330 Office (661) 885-8185 Fax

Beginning in 1990 with Days of Thunder, Allan Padleford Camera Cars has been apart of hundreds of feature films, commercials and music videos. Below is a sampling of our feature film credits.

2017	Ant Man and the Wasp	Array Plate Vehicle, Subie Chase Car, Remote Drive System & Biscuit Rig,
2017	Inner City	Biscuit Rig, Mercedes w/ EDGE System and MTV w/ 30ft. Technocrane
2017	El Camino Christmas	Mercedes w/ EDGE System
2017	White Boy Rick	Biscuit
2017	Black Panther	Mercedes w/ EDGE System, Porsche w/ Talon Head and Array Plate Vehicle
2017	Alita: Battle Angel	Biscuit Rig
2017	Kings	Biscuit Rig
2017	Soldado	Bisciut Rig and Mercedes Camera Car w/ EDGE System
2016	Jumanji	Off-Road Raptor w/ EDGE System
2016	Fast 8	Raptor w/EDGE System, Mercedes Camera Car w/Tracker and UpDown Rig, Subie Chase Car,VFX Plate Vehicle, 2-Remote Drive Systems & Porsche
2016	Baby Driver	Biscuit Jr.
2016	Spiderman: Homecoming	Biscuit Rig, Mercedes w/ EDGE System and MTV
2016	Logan Lucky	Porsche Camera Car w/ Tracker and UpDown Rig
2016	Bourne 5	Escalade w/EDGE System
2015	Captain America: Winter Solider	Biscuit II & III, Porsche Camera Car w/EDGE System and Subie Chase Car
2015	Keeping Up with The Joneses	Biscuit II and Porsche Camera Car w/ Tracker and UpDown Rig
2015	Teenage Mutant Ninja Turtles 2	Biscuit II, Porsche Camera Car w/EDGE System and Subie Chase Car
2015	Hateful 8	Off-Road Raptor Camera Vehicle w/ Matt Tracks, MTV & Process Trailer
2015	Dr. Strange	Array Plate Vehicle
2015	John Wick 2	Remote Drive Systems and Mercedes w/EDGE System
2015	LaLaLand	Biscuit Rig
2014	The Revenant	Biscuit III
2014	Magic Mike XL	Remote Drive System
2014	Sicario	Remote Drive Systems and Escalade w/EDGE System
2014	Monster Trucks	VFX OffRoad Vehicle, Porsche Camera Car w/Tracker and UpDown Rig
2014	Mission Impossible 5	Biscuit Jr.
2014	Ride Along II	Biscuit II and Porsche Camera Car w/ Tracker and UpDown Rig
2014	Big Eyes	MTV & Process Trailer
2014	John Wick	Remote Drive System
2014	Hail Ceasar	Porsche with EDGE System
2014	Vatican Tapes	Biscuit and Maverick
2014	Scouts and Zombies	MTV & Process Trailer
2014	Cake	Mobile Technocrane Vehicle and Process Trailer, Push Pull Rig
2014	Kidnap	Biscuit Jr. II
2014	Blackhat	Mobile Technocrane Vehicle & Process Trailer
2013	Prisoner's	Escalade w/ EDGE System and Biscuit Jr.
2013	Walk of Shame	MTV & Process Trailer and Remote Drive System

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2012	Fast 6	Escalade w/EDGE System, Porsche Camera Car, Subie Chase Car
2012	A Good Day to Die Hard	Biscuit II
2012	Django Unchained	Escalade w/Edge Crane System
2012	Nightcrawler	Biscuit Jr.
2012	Stand Up Guys	Biscuit Jr. and Escalade w/EDGE Crane System
2012	Last Stand	Remote Drive System and Escalade w/EDGE Crane System
2011	Superman	Remote Drive System
2011	DarkNight Rises	Remote Drive System
2011	Argo	Escalade w/EDGE Crane System
2011	Total Recall	Escalade w/EDGE Crane, Biscuit II (built for Total Recall), Porsche Camera Car
2011	Fast Five	Escalade w/Crane, C2 Chase Car w/3 Axis Remote Head Remote Drive System
2010	Drive	Biscuit Jr.
2010	Cowboys and Aliens	Biscuit Jr.
2010	Haywire	Remote Drive System
2010	Thor	Biscuit Jr.
2010	Faster	MTv W/ 30ft.Technocrane & Process Trailer, Escalade /MotoArm
2009	The Book Of Eli	Biscuit Jr.
2009	The Priest	MTV w/Technocrane & Process Trailer
2009	Oliver's Arrow	MTV & Process Trailer
2009	Hangover	Biscuit Jr.
2008	Terminator Salvation	MTVw/ 30ft.Technocrane
2008	Fast and Furious 4	MTVw/ 30ft.Technocrane, Escalade w/MotoArm & C2 Chase
2008	Star Trek	Biscuit Jr., MTVw/ 30ft.Technocrane & Push Pull Rig
2008	The Surrogates	Maverick
2008	The Soloist	POD
2008	The Final Destination	Escalade w/ Moto Arm
2007	Death Race	Escalade w/MotoArm, Moto Mount and Tracker Remote SYstem
2008	The Dark Knight, Batman	MTV w/ Tow
2008	Bedtime Stories	MTVw/ 30ft.Technocrane and Biscuit Jr.
2007	Hancock	C2 Chase Car and Push Pull Rig
2007	Indiana Jones	Escalade w/ MArm
2007	Paycheck	Maverick
2006	Vantage Point	C2 Chase Car and Tracker Remote System
2006	Deathproof	Escalade w/ MotoArm & MTV w/ 30ft.Technocrane & PushPull
2006	Live Free or Die Hard	Escalade w/ Moto Arm
2006	Transformers	Driver-Porsche
2006	Talledega Nights	C2 Chase Car and Tracker Remote System, Porsche w/ MotoArm
2006	Dream Girls	MTVw/30 ft. Technocrane (tow bus)
2006	Red Line	C2 Chase Car & Porsche w/Moto Arm