

**“STORM-RELATED EQUIPMENT AND FIELD PROJECTS”
B-ROLL SHOT LIST
October 5, 2005**

TRT: 19 minutes 18 seconds

00:05	Title and credits
00:09	International H2O Project (IHOP) Oklahoma Panhandle-May 14, 2002 Running Time 02:50
00:14	Researcher at computer screen
00:17	S-Pol radar out in field – pan from close up to distant shot
00:38	Rotating S-Pol radar dish — close up and full shot
01:52	S-Pol radar & site with people
02:02	Surface weather station
02:08	Doppler on Wheels radar dish covered and loaded on truck
02:11	Field site with trailer
02:28	“S-Pol Weather Research Radar” sign w/Doppler in background
02:41	Researchers in S-Pol radar operation trailer
03:05	Doppler on Wheels (DOW) Texas Panhandle-May 15, 2003 Running Time 03:27
03:10	Rotating Doppler radar on truck with researchers
03:46	Two researchers entering DOW3 truck unit
04:00	Rapid Dow radar
04:12	Rotating Doppler on Wheels radar with researcher
04:23	Truck on jacks and Rapid Dow radar pointing upward
04:23	Truck on jacks with Rapid Dow radar and Doppler radar in background
04:38	Doppler on Wheels radar being transported on truck
04:47	Rapid Dow radar on back of truck (on jacks) parked near field
04:58	Researcher in truck
05:19	Close up of Doppler on Wheels radar
05:30	Rotating Rapid Dow radar mounted on truck in field
06:38	Bow Echo and MCS Experiment (BAMEX) Mid-America Airport and Carlyle, Illinois May 20, 2003 Running Time 03:04
06:43	Rapid Dow radar mounted on flatbed truck
06:51	UAH van with surface weather station mounted on top
06:59	Researchers conferring with one another
07:35	Researchers inflating a balloon for launch
08:26	Researchers launches balloon
08:30	Balloon and instrument package airborne

08:47 Surface weather station
09:06 Researchers inflating and attaching instrument to a weather balloon
09:35 Researcher holding weather balloon and instrument package
09:43 Weather balloon and instrument package launched

**09:47 Doppler on Wheels (DOW)
Texas Panhandle-June 11, 2005
Running Time 00:36**

09:52 Radar research vehicles parked on side of highway
10:01 Dow truck with Rapid radar parked off highway
10:05 Doppler radar in motion
10:15 Researcher on telephone with radar screen in front of him

**10:30 Test flights for HIAPER
(High-performance Instrumented Aircraft for Environmental
Research)
Jefferson County Airport, Colorado
August 17, 2005
Running Time 08:27**

10:35 HIAPER research aircraft ready for takeoff
10:52 Tail end shot of HIAPER
10:57 Rear-end shot of HIAPER
11:01 Researchers boarding HIAPER
11:06 Windows being cleaned aboard HIAPER
11:12 Front end shot of HIAPER
11:14 Engine close up shot
11:28 Nose shot of HIAPER
11:31 Close up shot of NSF insignia
11:34 Close up of engine
11:39 Close up of wingspan
11:45 Researchers inspecting HIAPER
11:48 Underbelly of HIAPER
12:05 HIAPER nose showing instrumentation
12:07 Researchers conferring near HIAPER
12:19 Pilots preparing to take flight
12:29 Researcher in HIAPER passage way
12:39 Pilot turning on panel for takeoff
13:01 Full shot of HIAPER with researchers on ground
13:07 Close up of tail panning to a full shot of aircraft
13:20 Surface weather station with foothills in background
13:28 Red and white building shot
13:32 Researcher watching takeoff
13:36 Red tank with wheels
13:37 Clouds
13:51 HIAPER engine close up shot
14:03 Wing flap engaged with man watching

14:10 Engine close up panning to a full aircraft shot
14:21 Close up of wingspan panning to full shot of aircraft
14:29 HIAPER taxing for takeoff
18:13 HIAPER airborne
19:01 Jefferson County Airport site, Colorado

19:05 Title and credits