we and aircraft operations here at Kennedy Space Center believe in our core values of the center first and foremost is safety of flight safety of aircraft operations is something we think about every day while farmers are a threat to human life and property at a spaceport an out-of-control wildfire can have disastrous consequences those who battle these blazes need to always be prepared my aircraft operations is called upon periodically to support our fire rescue teams our job is to be ready to be able to provide that support at
any time here at NASA's Kennedy Space Center in Florida.

firefighters stand ready to respond with teams on the ground and in the air.

using the latest tools and technology this includes helicopters and aircraft.

that dropped large buckets and water and flame retardant these containers are called Bambi buckets the Bambi bucket.

exercise is put in place to enhance safety and to have a rapid response team in case we have a wildfire developed.

here at Kennedy Space Center we need to have a rapid response team in place.
ready to go at a moment's notice so they can control a wildfire where ground vehicles normally can't get to training by aircraft operations teams perfect skills needed to ensure they are ready to defend the spaceport from these hazards a dangerous situation can erupt quickly from a simple lightning strike during dry months practice makes perfect and we train the way we fight and with Florida being the lightning capital of the world it's important that we are mission ready at all times a three-person helicopter crew continually
practices picking up water from a nearby

waterway and dropping it on simulated

targets at the center’s Shuttle Landing

Facility the training includes a crew

flying over traffic cones set up as

targets over the south end of the runway

at the Space Center startled antics

and dropping water using a Bambi bucket

today the bucket is ease Ferriero fire

suppression almost 324 gallons of water

and can be used specifically to drop

order with pinpoint accuracy on a fire

the bucket is designed to help contain a

fire

for example if firefighters on the
ground becomes surrounded by flames a

helicopter crew can come in at a low
level and drop water on a specific spot

to open an escape route for the people

on the ground for the recent training

the helicopter crew hovered over one of

the canals surrounding the Shuttle

Landing Facility runway and lowered the

Bambi bucket into the water there are

several ways water can be dropped on a

specific target depending on the need a

wet rock requires the helicopter crew to

come in and hover dropping water and

wetting down an array of oil building to
retard the spread of a fire

the spot drop is similar except the crew hovers at a lower altitude resulting in the water hitting a small area aiming to put out the blaze in a specific location

when needing to sprint water in a straight line a stitch drop is used as the helicopter flies in a direct path

over a fire

a hook drop involves the helicopter fly and type term and the relation to water in a curve or arch pattern through this training we can maintain proficiency and develop confidence to respond to any
emergency while fighting a fire is the job of a helicopter crew operating a Bambi bucket. Safety is always a paramount concern for aircraft operations. Practices a cultural safety training, the guys that fly together train together. This way, they know they're each other's personality and enhance safety during the operations here at Kennedy Space Center. Aerial firefighting is an extremely dangerous operation for everyone involved. The helicopters are working in conjunction with other aircraft and fire fighters on the ground.
NASA's Kennedy Space Center's aircraft operations is one of the best in the world. Safety is key to our success.