NASA Traveler Test Program

in collaboration with

Lancaster High School – LAMPE Academy

TRUSTWORTHY, SAFE AUTONOMY
AUTONOMY – THE CHALLENGE

What is that thing doing ??? !!!

Future Pilotless-Taxi
......and/or......
Autonomous small UAV,
......and/or ...... ???

Problem

How does society ensure future vehicles will not exhibit “bad” behavior ????
EVAA
Enhanced Variable-Autonomy Architecture

Virtual Fence/Keepouts
Terrain
Obstacles
People, Pets
Aircraft
Emergency Landing
Slide for Lanc High School portion of presentation

LIDAR-generated Image

XP-59A across the street from Edwards AFB HQ