1
00:00:09,390 --> 00:00:14,010
I am very proud to be a part of the work that's
being done here at Dryden with all the different

2
00:00:14,010 --> 00:00:18,420
flight research as well as the role that I
feel like meteorology plays in all of it.

3
00:00:18,420 --> 00:00:23,010
My name is Franzeska Houtas, and I'm a meteorologist
at NASA Dryden.

4
00:00:23,010 --> 00:00:26,660
We forecast for specifically, not only the
type of aircraft, but exactly where they are

5
00:00:26,660 --> 00:00:27,980
going to be flying.

6
00:00:27,980 --> 00:00:30,450
We give them what we call a pinpoint forecast.

7
00:00:30,450 --> 00:00:34,450
We cover projects from X-48, which is a small
UAV.

8
00:00:34,450 --> 00:00:40,710
Then we get things as large as the 747 SOFIA
project which, uh, flies all the way up to

9
00:00:40,710 --> 00:00:45,629
Northern California, across the Pacific, half
way to Hawaii and back in eight or nine hours

10
00:00:45,629 --> 00:00:50,370
which requires looking at, uh, if they're
going to encounter any clouds or turbulence

11
00:00:50,370 --> 00:00:54,559

and things of that nature, as well as the
conditions when they get back.

12
00:00:54,559 --> 00:00:57,800
We do a lot of work with the F-18's and
the F-15's as well.

13
00:00:57,800 --> 00:01:00,540
A lot of the supersonics projects.

14
00:01:00,540 --> 00:01:04,870
Being a pilot myself has definitely given
me a better understanding of what the pilots

15
00:01:04,870 --> 00:01:06,240
are looking for.

16
00:01:06,240 --> 00:01:11,230
What I really like about being at Dryden,
uh, is that everyday is different and every

17
00:01:11,230 --> 00:01:16,640
project is different, and we not only get
to do the operational side of meteorology,

18
00:01:16,640 --> 00:01:20,780
but we also get to do some of the research
side and the data analysis and things like

19
00:01:20,780 --> 00:01:21,780
that.

20
00:01:21,780 --> 00:01:23,790
"… where the turbulence is, but sometimes
there's little signals.

21
00:01:23,790 --> 00:01:24,790
This right here…"

22

00:01:24,790 --> 00:01:28,840
So, it was uh, fifth grade science class that
initially got me interested in meteorology.

23
00:01:28,840 --> 00:01:33,939
It’s always fun to go and work with the
kids from various levels, from elementary

24
00:01:33,939 --> 00:01:35,720
schools, all the way up to high schools.

25
00:01:35,720 --> 00:01:40,790
It’s one of those things that goes, relates
back to how I got interested in meteorology,

26
00:01:40,790 --> 00:01:44,650
and how it was one little thing that got me
interested.

27
00:01:44,650 --> 00:01:50,780
So, to me it’s showing them what I love,
and if one, even one of them happens to get