



North San Diego County

Vernon Payne Chapter 286

President: Bob Wilson Vice President :Mike Talmadge Secretary: Dave Leedom Treasure: George Pruitte

The meeting was called to order by President Bob Wilson at 19:00 hours.

Speaker: Natasha Stenbock

We were privileged to have Natasha Stenbock, the Channel 8 News Morning Weather Anchor as our featured speaker. Natasha is a veteran of six years on the air as a weather reporter and is both a licensed pilot and a meteorologist. Natasha's depth of knowledge and love of both flying and meteorology make her exceptionally qualified to discuss California weather from the perspective of flight safety. Her presentation entitled: Tips for Pilots in Southern California was a tour-de-force of the weather patterns of Southern California, the conditions by which they are generated, and the dangers they hold for general aviation. Special emphasis was given to the marine layer of spring and summer and the generation of impenetrable cloud and fog by moist air traveling over cold ocean water. Natasha then described an opposite influence, the Santa Ana's of fall and winter. Their formation by high pressure over the Great Basin and subsequent adiabatic heating culminates in powerful turbulence felt particularly in mountainous regions and their transition toward the coastal plane.

Natasha gave special warning about the dangers lurking in the thunder storms that frequent our areas from July through September and recommended that pilots stay at least thirty to fifty miles away from mature storms. Spectacular slides showed the virga at the front of these storms, regions of intense microburst's that can capture small planes and smash them on the terrain below.

Natasha discussed the formidable problems in long range weather prediction and the need to consult weather resources when making flight plans.

A list of weather resources is provided below:

NWS Aviation discussion
www.wrh.noaa.gov/sgx/

ADDS(TAF'S, MAETARS, etc)
www.adds.aviationweather.noaa.gov/

DUAT
www.duat.com

Forecast Models, Satellite, Radar
www.weather.unisys.com/

AOPA
www.asf.org

Weather Education
www.theweatherprediction.com

In addition, Miramar provides Soundings, an Internet accessible document that provides a picture of the atmosphere from top to bottom.

Old Business

The minutes were moved and approved.

New Business

Kermit reported that \$ 350.00 had been sent to Oshkosh for the Miller Memorial and five parking passes had been received in return. Members were asked to contact Kermit if they would be needing parking passes at Oshkosh.

Greg Butler proposed a tour of projects around the end of August. The details of the tour and a wing-side barbeque will be announced at the next meeting.

Chapter dues of \$12.00 are due. Make checks payable to EAA Chapter 286 and give to Olen Porter (Membership)

The meeting was adjourned at 20:33 hours.

