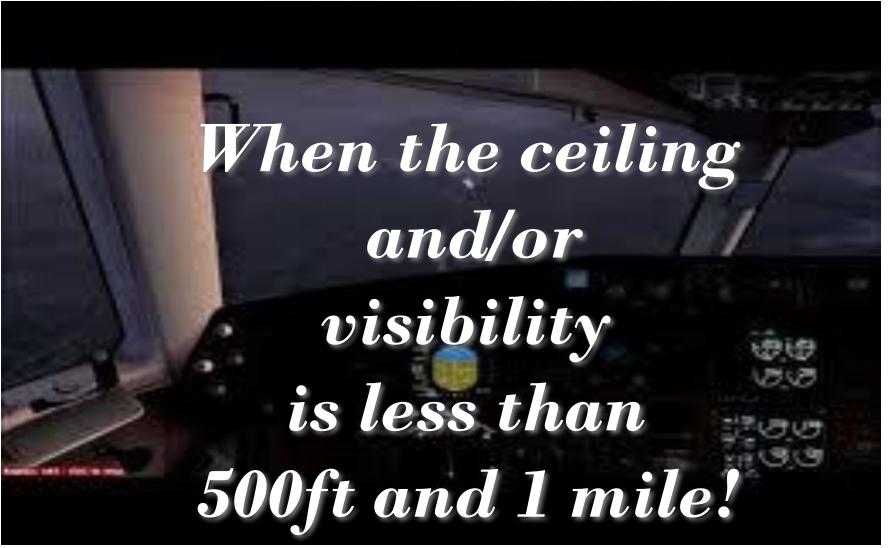


A FRONT ROW SEAT TO LOW IFR MINIMUMS

Let's talk about LIFR....



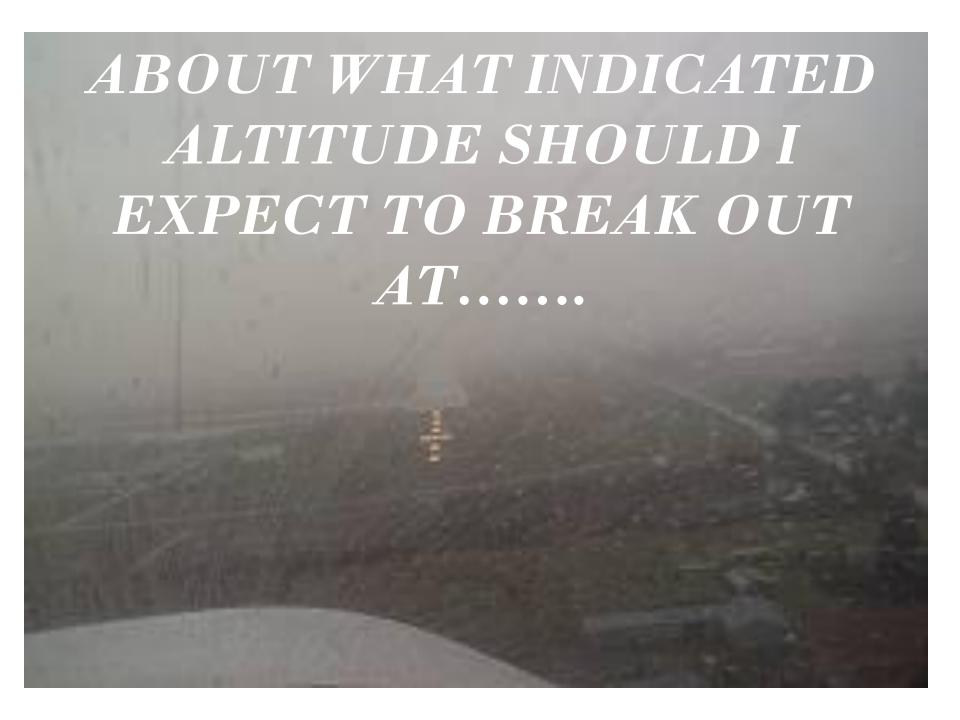
LIFR is....



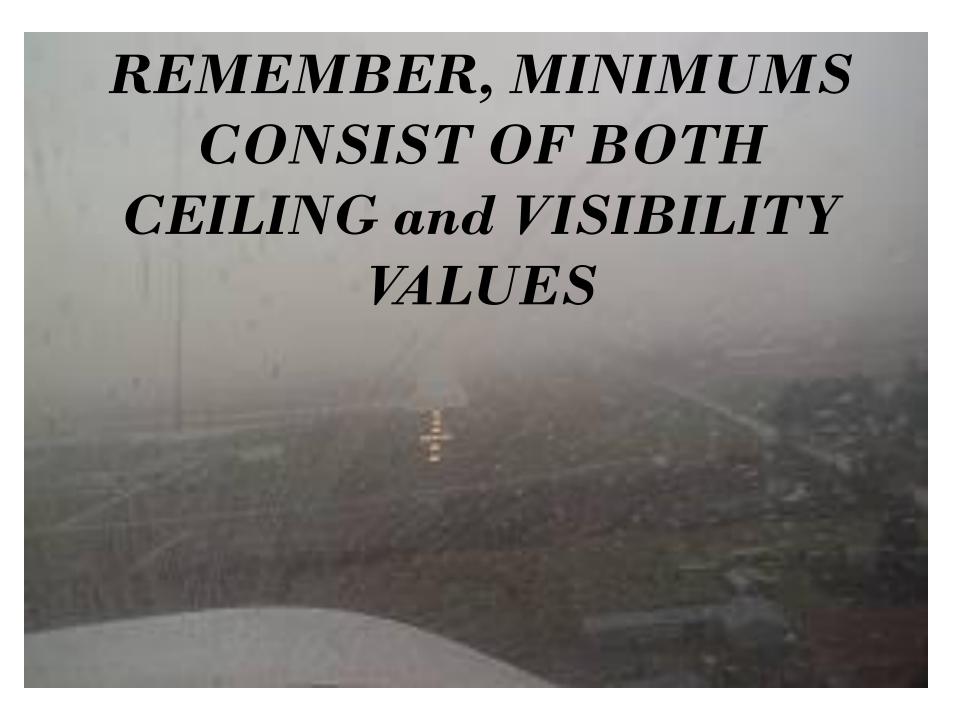


ILS MINIMUMS THIS IS WHAT AN INDEFINITE CEILING OF 200ft AND ONLY A ½ MILE LOOKS LIKE









YOU MAY HAVE GROUND CONTACT BELOW YOU WAY BEFORE YOU EVER SEE THE RUNWAY ENVIRONMENT...

AND SOMETIMES YOU ACTUALLY HAVE TO LET DOWN INTO THE LOW IFR CONDITIONS!!!

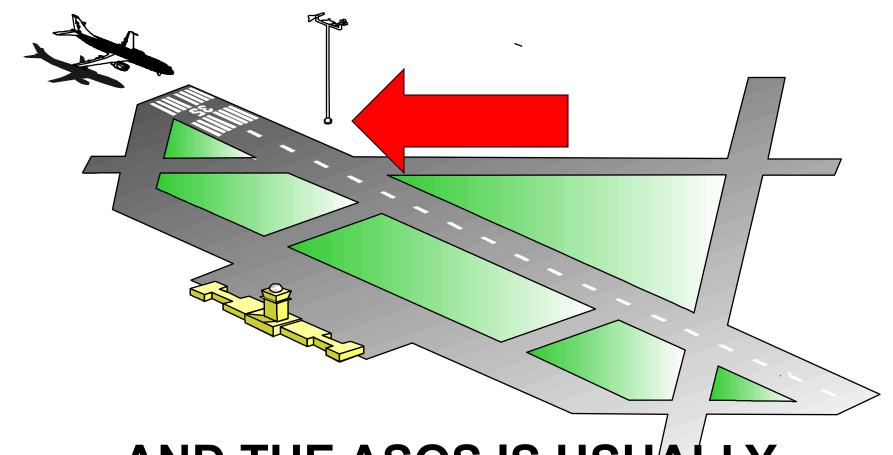


HOW FAR OUT FROM THE RUNWAY

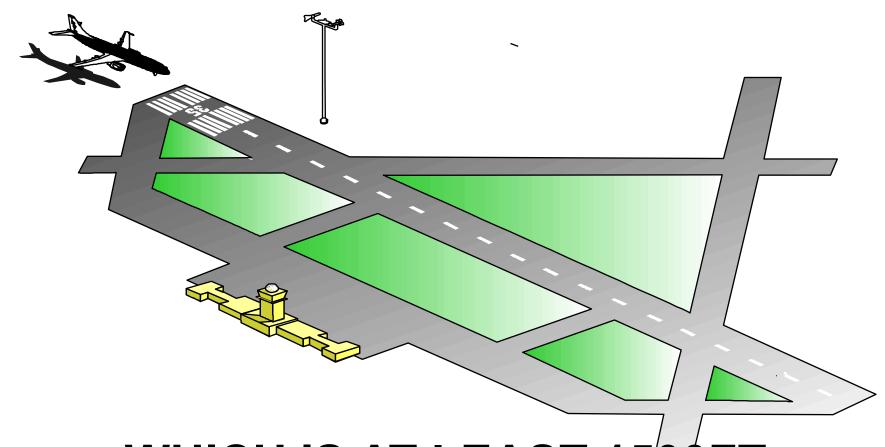


REMEMBER, THE VISIBILITY IS DETERMINED BY, AND AT, THE ASOS

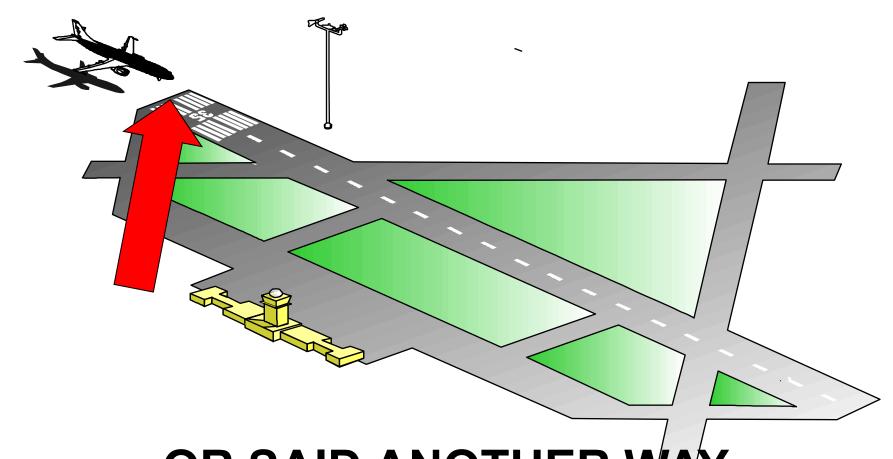




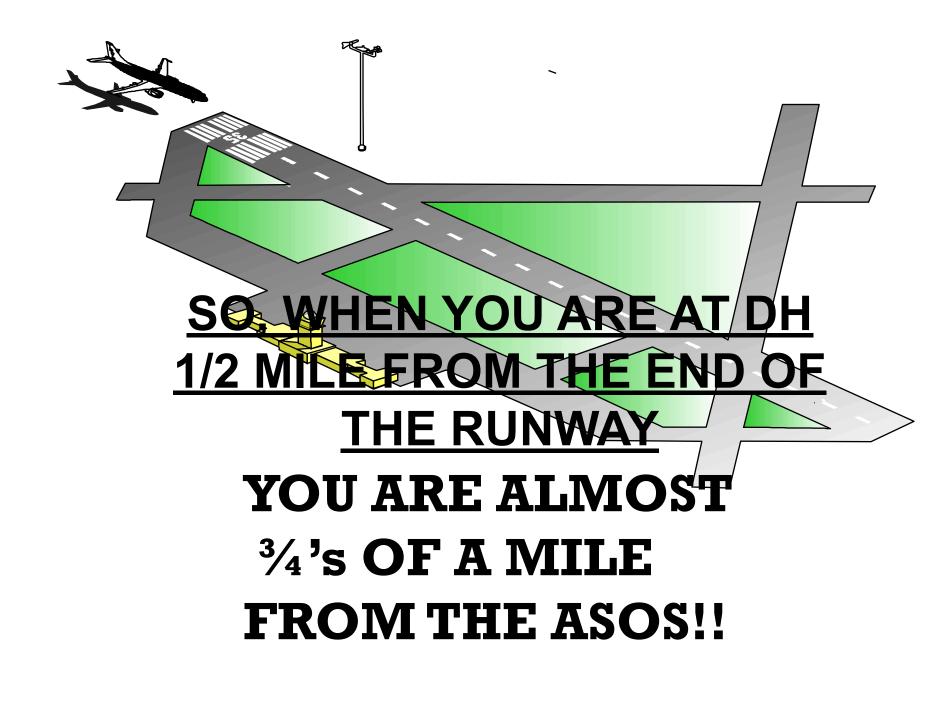
AND THE ASOS IS USUALLY LOCATED ALONG SIDE THE ILS RUNWAY TOUCHDOWN AREA!



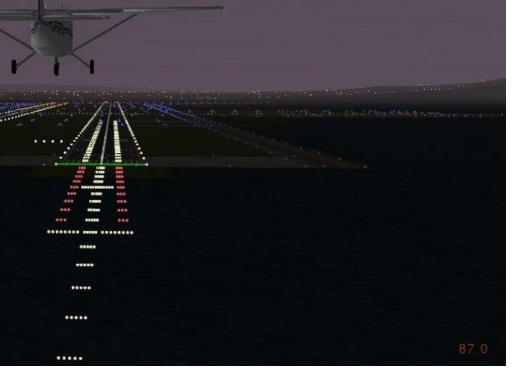
WHICH IS AT LEAST 1500FT OR MORE DOWN THE RUNWAY



OR SAID ANOTHER WAY, ALMOST 2 TO 3/10th OF A MILE FROM THE END OF THE RUNWAY



WHICH IS WHY THE APPROACH LIGHTS EXTEND OUT ABOUT A HALF MILE!!



TO HELP YOU **ACQUIRE THE** RUNWAY ENVIRONMENT AT DH!

.....



THIS IS WHAT 200 AND A ½ MILE ILS MINIMUMS LOOK LIKE

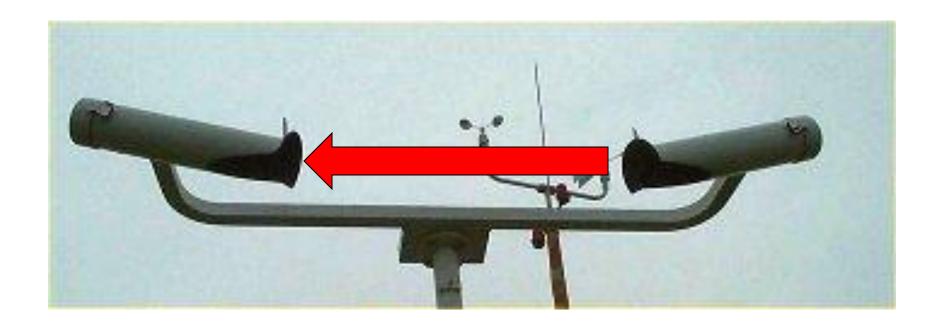
FACT: ASOS VISIBILITY IS THE AVERAGE OF WHAT THE VISIBILITY HAS BEEN FOR THE LAST 10 MINUTES!!

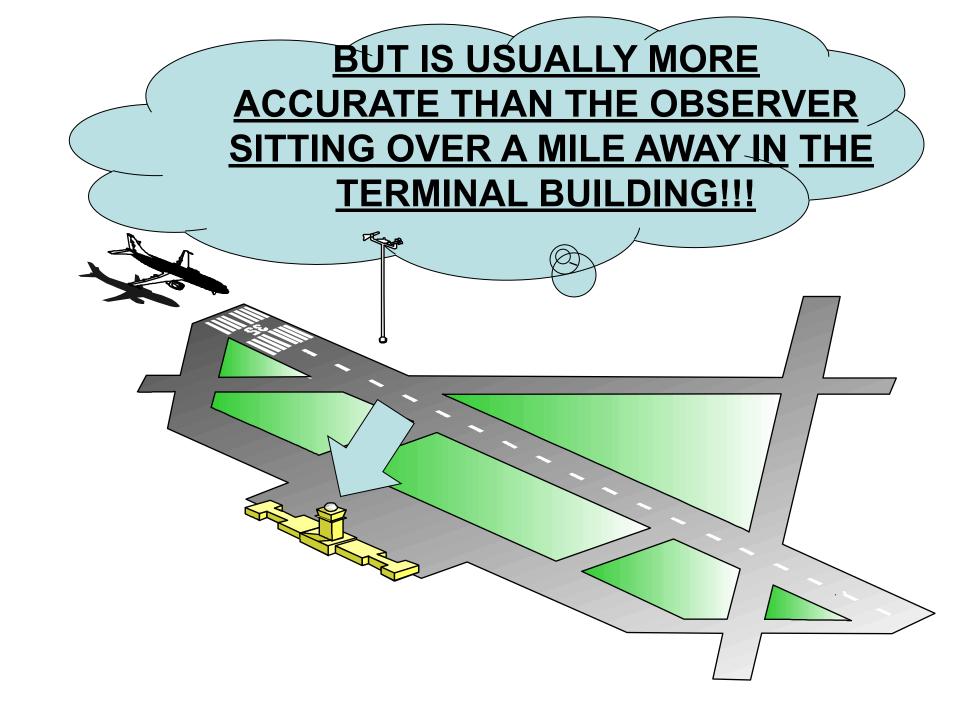
NOT WHAT IT IS RIGHT NOW ON THE APPROACH!!!

REMEMBER,
THE VISIBILITY
IS DETERMINED
BY, AND AT, THE
ASOS



BY THIS SENSOR, OVER A 24 INCH SPAN!





IF RVR IS AVAILABLE –



IT IS MUCH MORE ACCURATE

BUT RVR MEASURES HORIZONTAL VISIBILITY ALONG SIDE THE LANDING AREA

IN HUNDREDS OF FEET!!

IT MAY NOT BE INDICATIVE OF THE VISIBILITY DOWN THE APPROACH

OR AT THE MISSED APPROACH POINT!









You do remember alternate minimums, right???

And you do remember alternate fuel requirements, right???











ON A STABILIZED APPROACH, HAVING ALREADY BRIEFED GO-AROUND PROCEDURES

YOU SHOULD BE SPRING LOADED TO EXECUTE THE MISSED APPROACH-

AND BE HAPPY WHEN YOU PICK UP THE APPROACH LIGHTS AT DH!!

AND DROPPING ANOTHER 50 OR SO FEET BELOW MINIMUMS IS NOT LEGAL, SAFE OR SMART!

AND DO YOU KNOW JUST HOW MUCH ERROR IS IN YOUR ALTIMETER??

AND DO YOU KNOW THE DH MINIMUMS ALLOW FOR ANOTHER 50 FEET LOSS OF ALTITUDE TO TRANSITION TO A GO-AROUND??

SO THAT 50 FOOT BUFFER PLUS YOUR ALTIMETER ERROR MAY GET YOU A LOT CLOSER TO THE GROUND THAN TO THINK!!!

AND CIRCLING APPROACHES AT NIGHT AT MINIMUMS ARE ABOUT AS DANGEROUS AS IT GETS!!!

IF THIS IS YOUR VIEW OF THE RUNWAY ON A CIRCLING APPROACH -



YOU ARE IN BIG TROUBLE !!



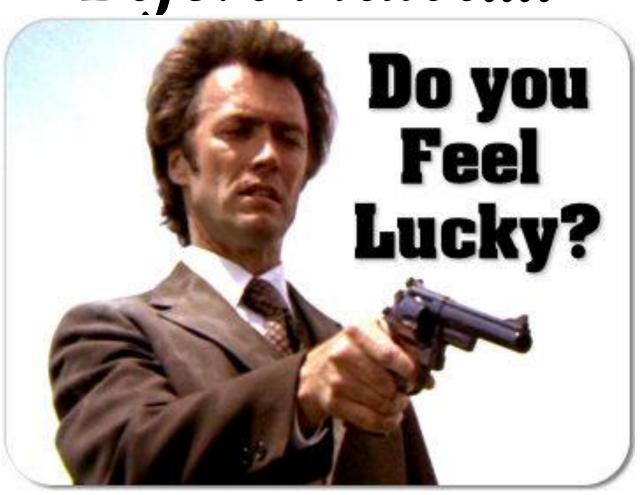
How the pro's do it -

Night vision system

Visual!!



Before i leave....



BRACE YOURSELF BEFORE LOOKING AT THE FOLLOWING IMAGE..

- A pilot at a very low altitude lost control of his aircraft during an airshow.
- It narrowly misses a horrified crowd gathered for the air show and slams into four buildings.
- One can only imagine the horror of the occupants trapped inside those buildings.





The \overline{ARC} Group

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