

EX 20A: NIGHT FAMILIARISATION (1 of 2)

AIM: TO ACQUAINT THE PILOT WITH THE ADDITIONAL CONSIDERATIONS WHEN OPERATING AN AIRCRAFT WITHIN THE HOURS OF DARKNESS

T&EM: LOOKOUT, NIGHT ACCOMMODATION, TAXY SPEED, MSA, WEATHER APPRECIATION, CIRCUIT PROCEDURES

AIREX:

BEFORE START

COCKPIT ORGANISATION IS VITAL
TWO TORCHES (ONE SPARE)
FOLLOW CHECKLISTS (WILL TAKE LONGER)
NAV LIGHTS & BEACON ON
REQUEST START (FLASH LANDING LIGHT)
AFTER START REQUEST TAXY



BEFORE TAKE-OFF

CARE OVER TAXY SPEED
CAUTION WITH TAXY LIGHTS
(OTHER AIRCRAFT)

WHEN CLEARED – TAXY AND LINE UP
AND STOP TO ACCLIMATISE TO R/W
LIGHTING AND GROUND HEIGHT



TAKE-OFF AND CLIMB

VISUAL TAKE-OFF
TRANSFER TO INSTRUMENTS
LANDING LIGHT OFF
200 FEET TRANSFER TO VISUAL IF
POSSIBLE



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AIREX:

ORIENTATION

OBSTACLE LIGHTING

WEATHER AVOIDANCE
(CLOUDS AREN'T LIT!)

TERRAIN AVOIDANCE
(MSA, DISAPPEARING LIGHTS)

FEATURES LOOK CLOSER THAN USUAL

ROADS VISIBLE IN RUSH HOUR

RAILWAYS, RIVERS, SMALL ROADS?



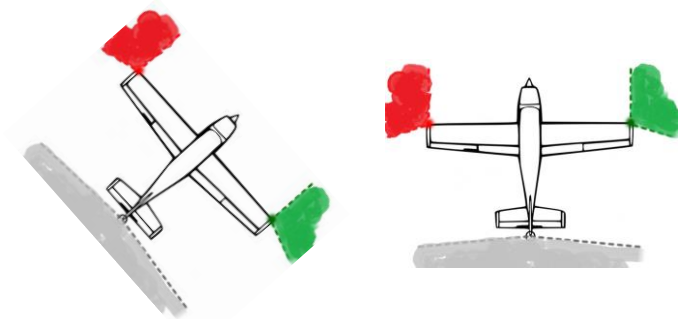
REJOINING THE CIRCUIT

FINDING WYCOMBE AIR PARK AT NIGHT!

DEAD SIDE JOIN

AERODROME BEACON - WP

RUNWAY LIGHTS OMNIDIRECTIONAL
(BUT NOT EASY TO SPOT)



LIGHTS

KNOW AIRCRAFT LIGHTS & WHAT THEY MEAN FOR COLLISION AVOIDANCE

KNOW LIGHT SIGNALS FROM ATC
(CARRY A PROMPT CARD)

ALWAYS "FIND" ALL TRAFFIC REPORTED AS AHEAD

