

EX 20B: NIGHT NAVIGATION

AIM: TO ACQUAINT THE PILOT WITH THE ADDITIONAL CONSIDERATIONS WHEN NAVIGATING AT NIGHT AND TO COMPLETE THE 50KM NAVIGATION REQUIREMENT OF THE NIGHT RATING SYLLABUS

T&EM: LOOKOUT, MAP PREPARATION, IFR vs VFR, COCKPIT ORGANISATION, CHOICE OF ROUTING / FEATURES, USE OF ATS, MSA

AIREX:

PRE-FLIGHT PLANNING

CONSIDER LANDMARKS USEFUL AT NIGHT

BAD FEATURES - TERRAIN, TREES, RIVERS, RAILWAY LINES

GOOD FEATURES – TOWNS, BUSY ROADS, LIT OBSTRUCTIONS, OPEN AIRFIELDS

DIVERSION AIRFIELDS PLANNED

USE NIGHT WIND FORECAST

BLUE OR BLACK PENS ON CHART

USE NAVIGATION AIDS TO SUPPLEMENT



IN-FLIGHT PROCEDURES

STANDARD NAVIGATION PROCEDURES

GREATER NEED FOR ORGANISATION

GREATER NEED FOR ACCURACY

RETAIN WEATHER APPRECIATION

AWARENESS OF SAFETY ALTITUDE

USE ATC SERVICES AVAILABLE

CAUTION USE OF NDBS

DISORIENTATION MORE LIKELY

CORRECT SMALL ERRORS EARLY

EARLY CALL TO D&D IF UNSURE

