



*“A BRIEF COMPARISON OF CAPABILITIES...”*

**TYPICAL LEVEL D FULL FLIGHT SIMULATOR**

**SCA 200 FULL FLIGHT TRAINER**

6 AXIS (6DOF) MOTION SYSTEM.

ELECTRIC 6 AXIS (6DOF) MOTION SYSTEM.

ADVANCED MOTION CUEING SIGNATURE INCLUDING GROUND AND FLIGHT BUFFETS AND ACCELERATIONS DESIGNED TO MEET ALL LEVEL D STANDARDS.

ADVANCED MOTION CUEING SIGNATURE INCLUDING GROUND AND FLIGHT BUFFETS AND ACCELERATIONS BASED ON LEVEL D STANDARDS.

180 DEGREE SEAMLESS SURROUND COLLIMATED DISPLAY SYSTEM.

200 DEGREE SURROUND COLLIMATED VISUAL DISPLAY SYSTEM.

DIGITAL CONTROL LOADING ON ALL CONTROLS

DIGITAL CONTROL LOADING ON FLIGHT CONTROLS

INSTRUCTOR STATION INSIDE CABIN

INSTRUCTOR STATION INSIDE CABIN

**TYPE SPECIFIC** CONFIGURATION WITH NO FLEXIBILITY FOR MULTI CLASS TRAINING.

**USER SELECTABLE CLASS SPECIFIC** CONFIGURATIONS INCLUDING PISTON, TURBOPROP AND JET AIRCRAFT.

DESIGNED TO MATCH CURRENT FAA AND CASA REQUIREMENTS.

SPECIFICALLY DESIGNED TO MATCH CURRENT CASA REQUIREMENTS AND **FUTURE MPL DEMANDS.**

MAY CONSUME UP TO **300KW OF POWER.**

CONSUMES APPROX **10KW OF POWER.**

**HIGH MAINTENANCE** WITH VERY SPECIALISED HARDWARE AND SUPPORT STAFF REQUIREMENTS.

**EXTREMELY LOW MAINTENANCE** REQUIREMENTS WITH COMMERCIAL OFF THE SHELF (COTS) TECHNOLOGY.

REQUIRES UP TO **2000M<sup>3</sup> OF SPACE** TO OPERATE SAFELY IN.

REQUIRES LESS THAN **64M<sup>3</sup> OF SPACE** TO OPERATE SAFELY IN.

COSTS BETWEEN **AUD \$16 - \$30M.**

COSTS ABOUT **10 - 15%** OF FULL FLIGHT SIMULATOR



### “CASA ACCREDITATION LIST...”

## TRADITIONAL SYNTHETIC TRAINER CREDITS

ALL **FSD2 CAT C** SYNTHETIC TRAINER CREDITS HAVE BEEN AWARDED TO THE SCA 200 FFT BY THE AUSTRALIAN AVIATION GOVERNING BODY CASA. THIS INCLUDES ALL THE CREDITS FOR INSTRUMENT GROUND TIME AND VARIOUS INSTRUMENT RATING CREDITS. SINCE THIS IS HIGHER THAN A CAT C TRAINER, IT CAN BE USED FOR REGULAR FLIGHT REVIEWS FOR THE “APPROPRIATE” CLASS OF AIRCRAFT, IN THIS CASE FOR TWIN ENGINE PISTON AND TWIN ENGINE TURBINE AIRCRAFT. THE FULL LIST OF “TRADITIONAL” SYNTHETIC TRAINER CREDITS IS SHOWN:

CAR 5.60 GFPT CAR 5.76(4) PP(A)L CAR 5.85(5) CP(A)L CAR 5.112(3) CP(A)L CAR 5.116(2) ATP(A)L CAR 5.173(3) PP(A)L CAR 5.81(2)	CP(A)L CAR 5.108(2) ATP(A)L CAR 5.169(2)	<b>INSTRUMENT RATING REGENCY</b> 2 OF 3 HOURS INSTRUMENT TIME EVERY 90 DAYS NDB, VOR, ILS, LLZ, RNAV (GNSS), GPS OR DME 1 HOUR INSTRUMENT TIME IN 90 DAYS FOR SINGLE PILOT
	<b>INSTRUMENT RATING INITIAL ISSUE</b> 20 HOURS INSTRUMENT TIME 15 HOURS CROSS COUNTRY TIME DME OR GPS ARRIVAL	<b>INSTRUMENT RATING RENEWAL</b> NDB, VOR, ILS, LLZ, RNAV (GNSS)

## EXTRA SYNTHETIC TRAINER CREDITS

FURTHER TO THIS EXTENSIVE LIST OF CREDITS, THE SCA 200 FFT IS ALSO AWARDED A SPECIAL LIST OF CREDITS FOR AERONAUTICAL EXPERIENCE, WHICH SYNTHETIC TRAINERS ARE TYPICALLY DENIED. THESE CREDITS ACCRUE A FURTHER 5 HOURS FOR PP(A)L, 10 HOURS FOR CP(A)L AND 25 HOURS FOR ATP(A)L **FLIGHT TIME**, A CRUCIAL SET OF CREDITS, PARTICULARLY FOR AIRLINE TRAINING. ALSO, A FURTHER NIGHT VISUAL PROCEDURE CREDIT IS AWARDED. THE FULL LIST OF THESE EXTRA CREDITS IS SHOWN:

PP(A)L CAR 5.85(2) CP(A)L CAR 5.112(1)	CP(A)L CAR 5.116(1) ATP(A)L CAR 5.173(5)
5 HOURS OF THE 10 REQUIRED FOR THE ISSUE OF A NIGHT VFR RATING	

## FULL FLIGHT SIMULATOR CREDITS

INCREDIBLY, THE SCA 200 FFT HAS BEEN AWARDED SOME FULL FLIGHT SIMULATOR CREDITS. THE SCA 200 FFT IS CERTIFIED FOR THE FOLLOWING:

**ATP(A)L CAR 5.173(4)** - UP TO 100 HOURS OF THE 1500 HOURS **FLIGHT TIME** FOR AERONAUTICAL EXPERIENCE REQUIRED BY AN ATP. THIS IS A CRUCIAL CREDIT, IN PARTICULAR FOR AIRLINE TRAINING. THIS CREDIT IS NORMALLY ONLY AWARDED TO **LEVEL B FULL FLIGHT SIMULATORS AND ABOVE.**

**FULL INSTRUMENT RATING RENEWAL** - THIS CREDIT ALLOWS A PILOT TO UNDERGO THE FULL INSTRUMENT RATING RENEWAL TEST IN THE SCA 200 FFT. THIS CREDIT IS NORMALLY ONLY AWARDED TO **LEVEL A FULL FLIGHT SIMULATORS AND ABOVE.**