



CHANDLER-GILBERT COMMUNITY COLLEGE

**Certificate of Completion**  
**Airframe Maintenance Part 147**  
 Unofficial Checksheet (32 credits)

<b>Name:</b>	<b>MCCD Campus:</b> Chandler-Gilbert CC	<b>Major:</b> AMT 5668			
<b>SSN:</b>	<b>MCCD Advisor:</b>	<b>Catalog Year:</b> 2004-2005			
		<b>CRS</b>	<b>GR</b>	<b>SEM</b>	<b>COMMENTS</b>

**DESCRIPTION**

The Certificate of Completion in Airframe Maintenance (Part 147) program is designed for individuals who hold an FAA Powerplant certificate or who desire to specialize in areas of structural maintenance or repair.				
This certificate provides the necessary knowledge to continue into areas of avionics, composites, or heavy structures specializations. This program of study normally requires two semesters to complete if the prerequisites have been met. Students wishing to enroll in this Part 147 certificate program must complete an application process before being officially accepted into the program.				

**I. PROGRAM PREREQUISITIES**

ENG 071 OR ASSET TEST INTO <b>ENG 101</b>	3			
MAT 091/ MAT 092 OR ASSET TEST INTO <b>MAT 120/122</b>	0-4			
RDG 091 OR ASSET TEST INTO <b>CRE 101 OR TEST EXEMPT</b>	3			
AMT 124 AIRCRAFT FORMS AND REGULATIONS, WEIGHT & BALANCE, DRAWINGS AND GROUND OPERATIONS	5			
AMT 126 FUNDMENTALS OF MATHEMATICS AND ELECTRICITY	9			
AMT 128 FUNDMENTALS OF AVIATION PHYSICS, CORROSION CONTROL, MATERIALS AND PROCESS	5			
<b>OR HOLD A VALID FAA POWERPLANT CERTIFICATE AND PASS AN AVIATION GENERAL SUBJECT EXAM WITH A MINIMUM SCORE OF 70 PERCENT. EXAM CAN BE SCHEDULED THRU CGCC AT NO CHARGE</b>				

**II. REQUIRED COURSES (32 CREDITS)** Must have a grade of "C" or better

<b>AIRFRAME</b> (32 credits)				
AMT220 Fundamental Aircraft Wood Structures, Covering and Finishing, and Bonded structures	3			
AMT222 Atmosphere Control, Fire Protection, Ice and Rain Protection Systems	4			
AMT224 Aircraft Sheet Metal	5			
AMT226 Aircraft Landing Gear, Hydraulic, Pneumatic, Fuel, Position and Warning Systems	7			
AMT228 Aircraft Electrical Systems, Instruments, Fuel Indicating, Communication and Navigation Systems	7			
AMT230 Airframe Assembly, Inspection, and Welding	6			

**STUDENTS ARE ENCOURAGED TO MEET WITH THEIR ACADEMIC ADVISOR TO DISCUSS THEIR PROGRAM.** 02/01/03 mdh/WC