

APPENDIX 3

COMPARISON OF THE MATERIALS
LISTED IN THE EMERGENCY DATA SHEETS
FOR AIRCRAFT MODEL Ki 74
OF APPENDIX 2 TO REPORT N° 6 WITH
BRITISH & AMERICAN SPECIFICATIONS

TYPE	CLASSIFICATION AND CODE NUMBER	NAME	RELATIVE DIRECTION OF GRAIN	TENSILE STRENGTH POUNDS PER SQ. IN.	COMPRESSIVE STRENGTH POUNDS PER SQ. IN.	DENSITY POUNDS PER CUBIC FOOT	BRITISH AND/OR AMERICAN SPECIFICATION EQUIVALENT		PAGE 7 CHART V PART 1	
							OVERALL	CHEMICAL		
TIMBER	0001	JAPANESE CYPRESS	PARALLEL	11,370	4,670	28.0			SD807 GRADE A	
	0002	JAPANESE CEDAR	PARALLEL		3,700	28.0			SD807 GRADE A	
	0024	BEECH	PARALLEL	10,660	5,690	37.4			SD807 GRADE A	
	0024	BIRCH	PARALLEL	10,660	7,110	37.4			SD807 GRADE A	
	0022	DOBO NO KI	PARALLEL		3,560	31.2			SD807 GRADE A	
	0024	PAULOWNIA IMPERIALIS	PARALLEL			18.7			SD805 GRADE A2	
	0019	DENSIFIED WOOD	PARALLEL	36,970	22,750	87.3			SD855 GRADE A	
	0019	DENSIFIED WOOD	AT RIGHT ANGLES			87.3			SD855 GRADE A	
	PLYWOOD	VENEER	BIRCH	PARALLEL	11,370		42.4		V 3	
			BIRCH	AT RIGHT ANGLES	7,110		42.4		V 3	
BIRCH			AT 45°	4,270		42.4		V 3		
BIRCH			PARALLEL	11,370		42.4		V 3		
BIRCH			AT RIGHT ANGLES	7,110		42.4		V 3		
BIRCH			AT 45°	4,270		42.4		V 3		
BIRCH			PARALLEL	11,370		42.4		V 3		
BIRCH			AT RIGHT ANGLES	7,110		42.4		V 3		
BIRCH			AT 45°	4,270		42.4		V 3		
BIRCH			PARALLEL	11,370		42.4		V 3		
PLYWOOD SHEET, 1/2" GRADE	VENEER	SHINA NO KI	PARALLEL	11,370		39.3		D.T.D. 427		
		SHINA NO KI	AT RIGHT ANGLES	7,110		39.3		D.T.D. 427		
		SHINA NO KI	AT 45°	4,270		39.3		D.T.D. 427		
		SHINA NO KI	PARALLEL	11,370		39.3		D.T.D. 427		
		SHINA NO KI	AT RIGHT ANGLES	7,110		39.3		D.T.D. 427		
		SHINA NO KI	AT 45°	4,270		39.3		D.T.D. 427		
		SHINA NO KI	PARALLEL	11,370		39.3		D.T.D. 427		
		SHINA NO KI	AT RIGHT ANGLES	7,110		39.3		D.T.D. 427		
		SHINA NO KI	AT 45°	4,270		39.3		D.T.D. 427		
		SHINA NO KI	PARALLEL	11,370		39.3		D.T.D. 427		
PLYWOOD SHEET, 1/2" GRADE	VENEER	JAPANESE CYPRESS	PARALLEL	9,950		28.0				
		JAPANESE CYPRESS	AT RIGHT ANGLES	4,980		28.0				
		JAPANESE CYPRESS	AT 45°	2,420		28.0				
		JAPANESE CYPRESS	PARALLEL	9,950		28.0				
		JAPANESE CYPRESS	AT RIGHT ANGLES	4,980		28.0				
		JAPANESE CYPRESS	AT 45°	2,420		28.0				
		JAPANESE CYPRESS	PARALLEL	9,950		28.0				
		JAPANESE CYPRESS	AT RIGHT ANGLES	4,980		28.0				
		JAPANESE CYPRESS	AT 45°	2,420		28.0				
		JAPANESE CYPRESS	PARALLEL	9,950		28.0				

TYPE	CLASSIFICATION AND CODE NUMBER	NAME	RELATIVE DIRECTION OF GRAIN	TENSILE STRENGTH POUNDS PER SQ. IN.	COMPRESSIVE STRENGTH POUNDS PER SQ. IN.	DENSITY POUNDS PER CUBIC FOOT	BRITISH AND/OR AMERICAN SPECIFICATION EQUIVALENT		PAGE 7 SHEET V PART 1
							OVERALL	CHEMICAL	
TIMBER ADHESIVE	7101 RESIN ADHESIVE	KL 303 * HARDENER		2,850			D.T.D. 335		PHYSICAL
	7101	KL 305 * HARDENER		2,850			D.T.D. 484		
	7101	CASHEIN GLUE		2,850			V.2		
TIMBER ADHESIVE	7002 RESIN ADHESIVE	SHOU	PARALLEL		5,690	40.5			00805 GRADE A2
	7002	OAK	PARALLEL		6,400	56.1			V4 (00805 GRADE A