

DEPARTMENT OF THE AIR FORCE
Headquarters US Air Force
Washington DC 20330-1000

CFETP4J0X2AC2
Change 2
11 October 2022

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AFSC 4J0X2/A
PHYSICAL MEDICINE/ORTHOTIC SPECIALTY
CAREER FIELD EDUCATION AND TRAINING PLAN

Summary: This change effective immediately. CFETP 4J0X2/A, dated 7 July 2014 is changed as follows:

1. Replace the A-Shred (Orthotic) Specialty Training Standard.

Effective immediately: Remove the Orthotic Specialty Training Standard, which was change 1 to this CFETP, and replace it with this change 2 Orthotic Specialty Training Standard.

2. After necessary action, file this sheet in the back of the CFETP.

BY ORDER OF THE SECRETARY OF THE AIR FORCE

OFFICIAL

ROBERT I. MILLER
Lieutenant General, USAF, MC, SFS
Surgeon General

Attachment:
Orthopedic Specialty Training Standard

STS 4J0X2A

This Block Is For Identification Purposes Only		
Name Of Trainee		
Printed Name (Last, First, Middle Initial)	Initials (Written)	SSAN
Printed Name Of Certifying Official And Written Initials		
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	

QUALITATIVE REQUIREMENTS

Proficiency Code Key		
	Scale Value	Definition: The individual
Task Performance Levels	1	Can do simple parts of the task. Needs to be told or shown how to do most of the task. (Extremely Limited)
	2	Can do most parts of the task. Needs only help on hardest parts. (Partially Proficient)
	3	Can do all parts of the task. Needs only a spot check of completed work. (Competent)
	4	Can do the complete task quickly and accurately. Can tell or show others how to do the task. (Highly Proficient)
*Task Knowledge Levels	a	Can name parts, tools, and simple facts about the task. (Nomenclature)
	b	Can determine step by step procedures for doing the task. (Procedures)
	c	Can identify why and when the task must be done and why each step is needed. (Operating Principles)
	d	Can predict, isolate, and resolve problems about the task. (Advanced Theory)
**Subject Knowledge Levels	A	Can identify basic facts and terms about the subject. (Facts)
	B	Can identify relationship of basic facts and state general principles about the subject. (Principles)
	C	Can analyze facts and principles and draw conclusions about the subject. (Analysis)
	D	Can evaluate conditions and make proper decisions about the subject. (Evaluation)
Explanations * A task knowledge scale value may be used alone or with a task performance scale value to define a level of knowledge for a specific task. (Example: b and 1b) ** A subject knowledge scale value is used alone to define a level of knowledge for a subject not directly related to any specific task, or for a subject common to several tasks. ^ This mark is used in column 2 to indicate the task has to be certified when signed off. - This mark is used alone instead of a scale value to show that no proficiency training is provided in the course or CDC. X This mark is used alone in the course columns to show that training is required but not given due to limitations in resources. NOTES: --All tasks and knowledge items shown with a proficiency code are trained during war time. --Column 2 Core tasks, when this includes the numbers 5 or 7, this task is a requirement for 5-skill level or 7-skill level upgrade respectively		

1. Tasks, Knowledge And Technical References	2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)					
		A	B	C	D	E	A		B		C	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	(2) CDC	5 Skill Level (1) Course	(2) CDC	7 Skill Level (1) Course	(2) CDC
1. ORTHOTIC CAREER FIELD. TR: Air Force Enlisted Classification Directory (AFECD); AFI 36-2649, Voluntary Education Program; AFI 36-2670, Total Force Development; AFMAN 36-2032, Military Recruiting and Accessions; Code of professional responsibility: ethics standards in business, health, and law (codes of professional responsibility), 4th Edition. Gorlin, R. A. 1999. BNA Books.												
1.1. Obtain Orthotic Fitter Certification through the American Board of Certification for Orthotics and Prosthetics (ABC)	5^						-	-	-	-	-	-
1.2. Obtain Pedorthist Certification through the American Board of Certification for Orthotics and Prosthetics (ABC)	7^						-	-	-	-	-	-
1.3. Obtain Orthotic Assistant License through applicable state agency	^						-	-	-	-	-	-
1.4. Obtain Orthotic Technician License through applicable state agency	^						-	-	-	-	-	-
2. GENERAL ORTHOTIC LABORATORY TASKS. TR: AAOS atlas of orthoses and assistive devices, 4th Edition. Hsu MD, J. D., Michael, J. W. & Fisk MD, J. R. 2008. Mosby; Orthotics: A comprehensive clinical approach, 1st Edition. Edelstein, J. E. and Bruckner, J. 2003. Slack Incorporated.												
2.1. Perform molding procedures	5						2b	-	-	-	-	-
2.2. Interpret prescription	5						2b	-	-	-	-	-
2.3. Fit patient	5						2b	-	-	-	-	-
2.4. Instruct patient	5						2b	-	-	-	-	-
2.5. Operate equipment												
2.5.1. Drill press							2b	-	-	-	-	-
2.5.2. Sander							2b	-	-	-	-	-
2.5.3. Band saw							2b	-	-	-	-	-
2.5.4. Sewing machine							2b	-	-	-	-	-
2.5.5. Oven							2b	-	-	-	-	-

1. Tasks, Knowledge And Technical References	2. Core Tasks	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)					
		A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		C 7 Skill Level	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	(1) Course	(2) CDC
2.6. Maintain equipment												
2.6.1. Drill press							2b	-	-	-	-	-
2.6.2. Sander							2b	-	-	-	-	-
2.6.3. Band saw							2b	-	-	-	-	-
2.6.4. Sewing machine							2b	-	-	-	-	-
2.6.5. Oven							2b	-	-	-	-	-
2.7. Use Hand tools							2b	-	-	-	-	-
2.8. Use Computer-Aided Design and Computer-Aided Manufacturing (CAD/CAM) CNC Router							1b	-	-	-	-	-
3. FABRICATE LOWER EXTREMITY ORTHOTICS. TR: AAOS atlas of orthoses and assistive devices, 4th Edition. Hsu MD, J. D., Michael, J. W. & Fisk MD, J. R. 2008. Mosby; Orthotics: A comprehensive clinical approach, 1st Edition. Edelstein, J. E. and Bruckner, J. 2003. Slack Incorporated.												
3.1. Knee-Ankle-Foot Orthoses (KAFO)	5						2b	-	-	-	-	-
3.2. Solid Ankle Plastic	5						2b	-	-	-	-	-
4. FIT SOFT GOODS (PREFABRICATED). TR: AAOS atlas of orthoses and assistive devices, 4th Edition. Hsu MD, J. D., Michael, J. W. & Fisk MD, J. R. 2008. Mosby; Orthotics: A comprehensive clinical approach, 1st Edition. Edelstein, J. E. and Bruckner, J. 2003. Slack Incorporated.												
4.1. Hinged knee supports	5						2b	-	-	-	-	-
4.2. Sleeve												
4.2.1. Without patella	5						2b	-	-	-	-	-
4.2.2. With patella	5						2b	-	-	-	-	-
4.3. Knee Orthoses												
4.3.1. Ligament Orthoses	5						2b	-	-	-	-	-
4.3.2. Range of motion orthoses	5						2b	-	-	-	-	-
4.3.3. Immobilizer	5						2b	-	-	-	-	-

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		A	B	C	D	E	A		B		C	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	(2) CDC	5 Skill Level (1) Course	(2) CDC	7 Skill Level (1) Course	(2) CDC
4.3.4. Osteoarthritis Unloader	5						2b	-	-	-	-	-
4.4. Thoracolumbar systems												
4.4.1. Lumbosacral (LS) supports												
4.4.1.1. Soft	5						2b	-	-	-	-	-
4.4.1.2. Rigid	5						2b	-	-	-	-	-
4.4.1.3. TLSO	5						2b	-	-	-	-	-
4.4.2. Hyperextension orthoses												
4.4.2.1. Jewett							2b	-	-	-	-	-
4.4.2.2. Cash							2b	-	-	-	-	-
4.5. Foot orthotics	5						2b	-	-	-	-	-
4.6. Ankle supports												
4.6.1. Controlled ankle motion walkers	5						2b	-	-	-	-	-
4.6.2. Lace-up	5						2b	-	-	-	-	-
4.6.3. Stirrup	5						2b	-	-	-	-	-
4.6.4. AFO	5						2b	-	-	-	-	-
4.7. Elbow ROM Brace							2b	-	-	-	-	-
5. FABRICATE CUSTOM FOOT ORTHOTICS. TR: AAOS atlas of orthoses and assistive devices, 4th Edition. Hsu MD, J. D., Michael, J. W. & Fisk MD, J. R. 2008. Mosby; Foot orthoses and other forms of conservative foot care, 2nd Edition. Michaud, T. C. 2018. CreateSpace Independent Publishing Platform; Orthotics: A comprehensive clinical approach, 1st Edition. Edelstein, J. E. and Bruckner, J. 2003. Slack Incorporated; The functional foot orthosis, 2nd Edition. Philips, J. W. 1995. Churchill Livingstone.												
5.1. Diabetic	5						2b	-	-	-	-	-
5.2. Toe Filler							2b	-	-	-	-	-
5.3. Morton's Extension	5						2b	-	-	-	-	-
5.4. Schaffer plate	5						2b	-	-	-	-	-

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		A	B	C	D	E	A		B		C	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) CDC	(1) Course	(2) CDC	(1) Course	(2) CDC
5.5. University of California Biomechanics Laboratory (UCBL) orthoses	5						2b	-	-	-	-	-
5.6. Thermocork orthoses	5						2b	-	-	-	-	-
5.7. Ethylene vinyl acetate orthoses	5						2b	-	-	-	-	-
6. ORTHOPEDIC FOOTWEAR. TR: AAOS atlas of orthoses and assistive devices, 4th Edition. Hsu MD, J. D., Michael, J. W. & Fisk MD, J. R. 2008. Mosby; Orthotics: A comprehensive clinical approach, 1st Edition. Edelstein, J. E. and Bruckner, J. 2003. Slack Incorporated.												
6.1. Modify shoes for orthopedic corrections	5						2b	-	-	-	-	-

Technical Reference (TR) Source Summary for STS 4J0X2A
List of commercial and other service publications

Commercial Texts (All Skill Levels)

AAOS atlas of orthoses and assistive devices, 4th Edition. Hsu MD, J. D., Michael, J. W. & Fisk MD, J. R. 2008. Mosby.

Code of professional responsibility: ethics standards in business, health, and law (codes of professional responsibility), 4th Edition. Gorlin, R. A. 1999. BNA Books.

Foot orthoses and other forms of conservative foot care, 2nd Edition. Michaud, T. C. 2018. CreateSpace Independent Publishing Platform.

Orthotics: A comprehensive clinical approach, 1st Edition. Edelstein, J. E. and Bruckner, J. 2003. Slack Incorporated.

The functional foot orthosis, 2nd Edition. Philips, J. W. 1995. Churchill Livingstone.

Air Force, DoD, and Other Federal Publications (All Skill Levels)

Air Force Enlisted Classification Directory (AFECD)

AFI 36-2649, Voluntary Education Program

AFI 36-2670, Total Force Development

AFI 48-127, Occupational Noise and Hearing Conservation Program

AFMAN 36-2032, Military Recruiting and Accessions

DoDI 6040.42, Management Standards for Medical Coding of DoD Health Records