Course Equivalency Worksheet
AERIAL APPARATUS OPERATIONS
FFP703, BFST703, ATPC703

Applicant Name:	**FCDICE Number:**
Email:	**Date:**

Applicants who wish to request a Course Equivalency shall complete the following worksheet and attach the following information in the order that it appears on this list.

Please note that BFST will not evaluate a Course Equivalency Request until ALL the required information has been submitted.

Items Required for a Course Equivalency Determination	**√ When Attached / Completed**
• Create an email addressed to FireCollegeTraining@MyFloridaCFO.com	
• Please note that there shall be only one Course Equivalency Request per email. Requests for multiple Course Equivalency Evaluations shall each be submitted individually in separate emails.	
• The subject of the email shall be "Course Equivalency Request."	

• Attach an educational syllabus or agenda for the class that includes:
  • The name and course number of the course that was completed.
  • The name of the institution that sponsored the course.
  • The contact information for the instructor.
  • The required number of classroom or interactive hours for the course.
  • A description of the course objectives, student learning outcomes, or job performance requirements covered in the course.	

• Attach a verifiable transcript or record from the educational institution that shows proof of successful course completion.	
• Attach this completed Course Equivalency Worksheet that details how each of the Job Performance Requirements of the BFST-Approved Course were satisfied by the course for which equivalency is being requested.	
• Course Equivalency Requests are only evaluated during the last two (2) weeks of each month. There are no exceptions.	

JPR's NFPA 1041 (2012 ed.)	Job Performance Requirement	How was the JPR satisfied by the Course for which Equivalency is Requested?
General	The requirements of Firefighter I as specified in NFPA 1001 (or the requirements for Advanced Exterior Industrial Fire Brigade Member or Interior Structural Fire Brigade Member as specified in NFPA 1081) and the job performance requirements defined in Sections 6.1 and 6.2 shall be met prior to qualifying as a fire department driver/operator – aerial.	**No Response Required for This JPR.**
	6.1.1 Perform the routine tests, inspections, and servicing functions specified in the following list in addition to those specified in 4.2.1, given a fire department aerial apparatus, and policies and procedures of the jurisdiction, so that the operational readiness of the aerial apparatus is verified: (1) Cable systems (if applicable) (2) Aerial device hydraulic systems (3) Slides and rollers (4) Stabilizing systems (5) Aerial device safety systems (6) Breathing air systems (7) Communication systems **(A) Requisite Knowledge**. Manufacturer's specifications and requirements, and policies and procedures of the jurisdiction. **(B) Requisite Skills**. The ability to use hand tools, recognize system problems, and correct any deficiency noted according to policies and procedures	
Operations	**6.2.1** Maneuver and position an aerial apparatus, given an aerial apparatus, an incident location, a situation description, and an assignment, so that the apparatus is positioned for correct aerial device deployment. (**A) Requisite Knowledge**. Capabilities and limitations of aerial devices related to	

	reach, tip load, angle of inclination, and angle from chassis axis; effects of topography, ground, and weather conditions on deployment; and use of the aerial device. **(B) Requisite Skills**. The ability to determine a correct position for the apparatus, maneuver apparatus into that position and avoid obstacles to operations.	
	6.2.2 Stabilize an aerial apparatus, given a positioned vehicle and the manufacturer's recommendations, so that power can be transferred to the aerial device hydraulic system and the device can be deployed. (**A) Requisite Knowledge**. Aerial apparatus hydraulic systems, manufacturer's specifications for stabilization, stabilization requirements, and effects of topography and ground conditions on stabilization. **(B) Requisite Skills**. The ability to transfer power from the vehicle's engine to the hydraulic system and operate vehicle stabilization devices.	
	6.2.3 Maneuver and position the aerial device from each control station, given an incident location, a situation description, and an assignment, so that the aerial device is positioned to accomplish the assignment. **(A) Requisite Knowledge**. Aerial device hydraulic systems, hydraulic pressure relief systems, gauges and controls, cable systems, communications systems, electrical systems, emergency operating systems, locking systems, manual rotation and lowering systems, stabilizing systems, aerial device safety systems, system overrides and the hazards of using overrides, safe operational limitations of the given aerial device, safety procedures specific to the device, and operations near electrical hazards and overhead obstructions. **(B) Requisite Skills**. The ability to raise, rotate, extend, and position to a specified	

	location, as well as lock, unlock, retract, lower, and bed the aerial device.	
	6.2.4 Lower an aerial device using the emergency operating system, given an aerial device, so that the aerial device is lowered to its bedded position. **(A) Requisite Knowledge**. Aerial device hydraulic systems, hydraulic pressure relief systems, gauges and controls, cable systems, communications systems, electrical systems, emergency operating systems, locking systems, manual rotation and lowering systems, stabilizing systems, aerial device safety systems, system overrides and the hazards of using overrides, safe operational limitations of the given aerial device, safety procedures specific to the device, and operations near electrical hazards and overhead obstructions. **(B) Requisite Skills**. The ability to rotate and position to center, unlock, retract, lower, and bed the aerial device using the emergency operating system.	
	6.2.5 Deploy and operate an elevated master stream, given an aerial device, a master stream device, and a desired flow so that the stream is effective and the aerial and master stream devices are operated correctly. **(A) Requisite Knowledge**. Nozzle reaction, range of operation, and weight limitations. **(B) Requisite Skills**. The ability to connect a water supply to a master stream device and control an elevated nozzle manually or remotely.	
	**** IF APPLICABLE ****	
General	**7.1*** The requirements of Fire Fighter I as specified in NFPA 1001 and the job performance requirements defined in Chapter 6 and Section 7.2 shall be met prior to qualifying as a fire department driver/operator — tiller.	**No Response Required for This JPR.**
Operations	**7.2.1*** Perform the practical driving exercises specified in 4.3.2 through 4.3.5	

	from the tiller position, given a qualified driver, a fire department aerial apparatus equipped with a tiller, and a spotter for backing up, so that each exercise is performed without striking the vehicle or obstructions. **(A) Requisite Knowledge**. Capabilities and limitations of tiller aerial devices related to reach, tip load, angle of inclination, and angle from chassis axis; effects of topography, ground, and weather conditions on safe deployment; and use of a tiller aerial device. (**B) Requisite Skills**. The ability to determine a correct position for the tiller, maneuver the tiller into that position, and avoid obstacles to operations.	
	7.2.2 Operate a fire department aerial apparatus equipped with a tiller from the tiller position over a predetermined route on a public way, using the maneuvers specified in 4.3.1, given a qualified driver, a fire department aerial apparatus equipped with a tiller, and a spotter for backing up, so that the vehicle is operated in compliance with all applicable state and local laws, departmental rules and regulations, and the requirements of NFPA 1500, Section 4.2 **(A) Requisite Knowledge.** Principles of tiller operation, methods of communication with the driver, the effects on vehicle control of general steering reactions, night driving, negotiating intersections, and manufacturer operation limitations. **(B) Requisite Skills.** The ability to operate the communication system between the tiller operator's position and the driver's compartment; operate passenger restraint devices, maintain control of the tiller while accelerating, decelerating, and turning; operate the vehicle during non-emergency conditions and operate under adverse	

	environmental or driving surface conditions.	
	7.2.3 Position a fire department aerial apparatus equipped with a tiller position, given the apparatus operating instructions, an incident location, a situation description, and an assignment, so that the aerial device is positioned and stabilized to accomplish the assignment. **(A) Requisite Knowledge**. Principles of positioning and stabilizing the aerial apparatus from the tiller position. **(B) Requisite Skills**. The ability to determine a correct position for the tiller, maneuver the tiller into that position, and avoid obstacles to operations.	