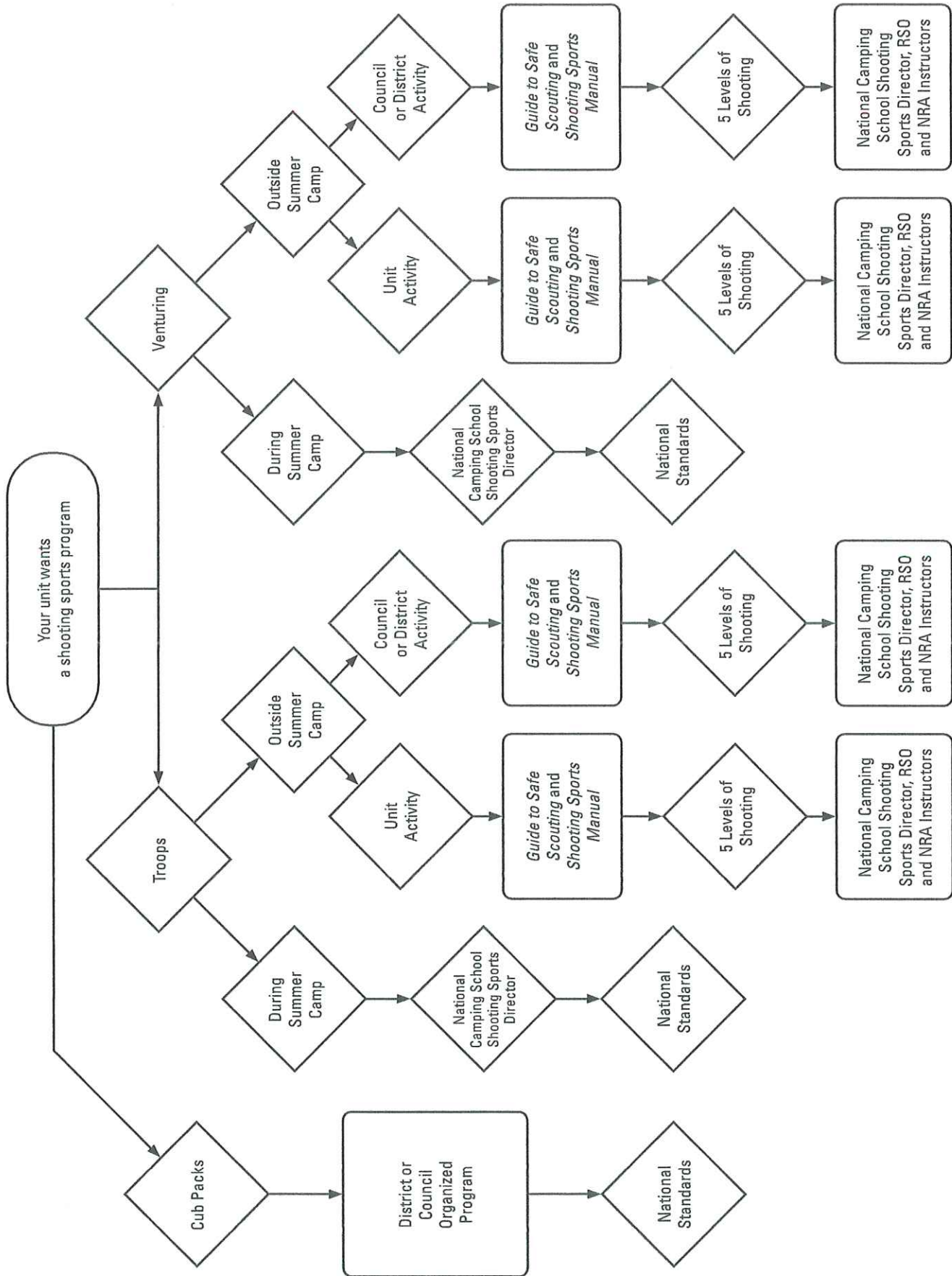


APPENDIX 4 - SHOOTING SPORTS DECISION TREE



Program	Participants	Safety equipment	Minimum program supervision requirements	Qualified staff to open the range	Minimum number of staff to operate	Ratio instructor : participant	Additional information
BB (BSA Accredited Camp)*	All program levels except Lions	Eye Protection	BB gun Rangemaster	BB Gun Rangemaster National Camping School shooting Sports Director NRA Rifle Instructor Certified Military shooting instructor** Certified Law Enforcement Shooting Instructor** Certified 4-H Shooting Instructor**	1 qualified staff and appropriate assistants	1:1 adult to participant for Tiger Cubs 1:8 all others	Cub Scout participation at District or Council events ONLY
BB (Unit Activity)	Scouts BSA, Venturing, Sea Scouting	Eye protection	BB gun Rangemaster	BB Gun Rangemaster National Camping School shooting Sports Director NRA Rifle Instructor	1 qualified staff and appropriate assistants	1:8	Not approved as a Cub Scout Pack activity
Slingshot (BSA Accredited Camp)*	All program levels	Eye Protection	BB gun Rangemaster	BB Gun Rangemaster National Camping School shooting Sports Director NRA Rifle Instructor Certified Military shooting instructor** Certified Law Enforcement Shooting Instructor** Certified 4-H Shooting Instructor**	1 qualified staff and appropriate assistants	1:1 adult to participant for Cub Scout (all levels) 1:4 adult to participant Scouts BSA, Venturing, Sea Scouting	Cub Scout participation at District or Council events ONLY
Slingshot (Unit Activity)	Scouts BSA, Venturing, Sea Scouting	Eye Protection	BB gun Rangemaster	BB Gun Rangemaster National Camping School shooting Sports Director NRA Rifle Instructor	1 qualified staff and appropriate assistants	1:4 adult to participant	Not approved as a Cub Scout Pack activity
Pellet Rifles	Scouts BSA, Venturing, Sea Scouting, Webelos (Long-term Camp)	Eye Protection	NRA Rifle Instructor	National Camping School shooting Sports Director NRA Rifle Instructor Certified Military shooting instructor** Certified Law Enforcement Shooting Instructor** Certified 4-H Shooting Instructor**	1 qualified staff and appropriate assistants	1:8	Webelos Scouts may use pellet rifles on a council operated range while attending a long-term camp All pellet rifles (CO2, pump, break barrel, etc.) are limited to singleshot, designated for target shooting, velocity of 500 to 540 feet per second, with a minimum of 2.5 pound trigger pull. see also Multigun Airsoft Experience Operations Guide (p. 89) for additional operational guidance.

*BSA accredited camp means, Day Camp, Short-term Camp and Long-term camp following the NCAP standards. If a council or district has a day activity, standards for "unit activity" apply. Unless otherwise stated the supervision standard is the same for a camp or unit activity. | **Requires approved waiver. In addition, if these positions are used, these individuals need to also be familiar with and follow the program outlined in the Cub Scout Shooting sports guide located in chapter 23 of this manual. | † Required waiver for long-term camp only

Program	Participants	Safety equipment	Minimum program supervision requirements	Qualified staff to open the range	Minimum number of staff to operate	Ratio instructor : participant	Additional information
Rifle (BSA Accredited Camp)	Scouts BSA, Venturing, Sea Scouting	Eye and hearing protection	NRA Rifle Instructor	National Camping School shooting Sports Director NRA Rifle Instructor† Certified Military shooting instructor*** Certified Law Enforcement Shooting Instructor** Certified 4-H Shooting Instructor***	Long-term camp: 1 qualified staff and appropriate assistants Short-term camp and Day Camp: NCS shooting Sports Director (1 person) OR NRA Rifle instructor AND NRA RSO (2 people)	1:8	See also current NCAP standards
Rifle (Unit activity)	Scouts BSA, Venturing, Sea Scouting	Eye and hearing protection	NRA Rifle Instructor AND NRA Range Safety Officer	National Camping School shooting Sports Director NRA Rifle Instructor AND NRA Range Safety Officer	2 people (RSO and at least one instructor)	1:8	
Shotgun (BSA Accredited Camp)	Scouts BSA, Venturing, Sea Scouting	Eye and hearing protection	NRA Shotgun Instructor	National Camping School shooting Sports Director NRA Shotgun Instructor† Certified Military shooting instructor*** Certified Law Enforcement Shooting Instructor** Certified 4-H Shooting Instructor***	Long-term camp: 1 qualified staff and appropriate assistants Short-term camp and Day Camp: NCS shooting Sports Director (1 person) OR NRA Shotgun instructor AND NRA RSO (2 people)	1:6 for instruction 1:1 when loading and firing	Instructor maintains control of ammunition See also current NCAP standards

*BSA accredited camp means, Day Camp, Short-term Camp and Long-term camp following the NCAP standards. If a council or district has a day activity, standards for "unit activity" apply. Unless otherwise stated the supervision standard is the same for a camp or unit activity. | **Requires approved waiver | † Required waiver for long-term camp only

Program	Participants	Safety equipment	Minimum program supervision requirements	Qualified staff to open the range	Minimum number of staff to operate	Ratio instructor : participant	Additional information
Shotgun (Unit Activity)	Scouts BSA, Venturing, Sea Scouting	Eye and hearing protection	NRA Shotgun Instructor AND NRA Range Safety Officer	National Camping School shooting Sports Director NRA Shotgun Instructor AND NRA Range Safety Officer	2 people (RSO and at least one instructor)	1:6 for instruction 1:1 when loading and firing	Instructor maintains control of ammunition
Scouting Pistol and Marksmanship Program (BSA accredited Camp programs only)	Scouts BSA (14 or 13 and completed 8th grade), Venturing, Sea Scouting	Eye and hearing protection	2 individuals with NRA Pistol Instructor plus Scouting Pistol Marksmanship training certification One of whom is also an NRA RSO.	2 individuals with NRA Pistol Instructor plus Scouting Pistol Marksmanship training certification One of whom is also an NRA RSO.	2 individuals with NRA Pistol Instructor plus Scouting Pistol Marksmanship training certification One of whom is also an NRA RSO.	1:6 for instruction 1:2 when loading and firing	Council must apply to operate this activity
Pistols (unit activity)	Venturing, Sea Scouting	Eye and hearing protection	NRA Pistol Instructor AND NRA Range Safety Officer	NRA Pistol Instructor AND NRA Range Safety Officer	2 people (RSO and at least one instructor)	1:6 for instruction 1:2 when loading and firing	
Muzzleloading Rifle (BSA accredited Camp)	Scouts BSA, Venturing, Sea Scouting	Eye and hearing protection	NRA Co-Op Muzzleloading Rifle Instructor	National Camping School shooting sports director with current NRA Co-Op muzzleloading rifle instructor certification OR NRA/NMLRA certified muzzleloading instructor	Long-term camp: 1 qualified staff and appropriate assistants. Short-term camp and Day Camp: NCS shooting Sports Director with current NRA Co-Op Muzzleloading rifle instructor certification (1 person) OR NRA/NMMLRA certified Muzzleloading instructor AND NRA RSO (2 people)	1:8 for instruction 1:1 when loading and firing	
Muzzleloading Rifle (Unit Activity)	Scouts BSA, Venturing, Sea Scouting	Eye and hearing protection	NRA Co-Op Muzzleloading Rifle Instructor AND NRA RSO (2 people)	National Camping School shooting sports director with current NRA Co-Op muzzleloading rifle instructor certification OR NRA/NMLRA certified muzzleloading instructor	2 people (RSO and at least one instructor)	1:8 for instruction 1:1 when loading and firing	
Muzzleloading shotgun (BSA accredited camp)	Scouts BSA, Venturing, Sea Scouting	Eye and hearing protection	NRA/NMLRA certified muzzleloading instructor	NRA/NMLRA certified muzzleloading instructor	Long term camp: 1 qualified staff and appropriate assistants Short-term camp and Day Camp: 1 qualified staff and appropriate assistants AND NRA RSO.	1:6 for instruction 1:1 when loading and firing	
Muzzleloading shotgun (unit activity)	Scouts BSA, Venturing, Sea Scouting	Eye and hearing protection	NRA/NMLRA certified muzzleloading instructor AND NRA RSO (2 people)	NRA/NMLRA certified muzzleloading instructor	2 people (RSO and at least one instructor)	1:6 for instruction 1:1 when loading and firing	

Program	Participants	Safety equipment	Minimum program supervision requirements	Qualified staff to open the range	Minimum number of staff to operate	Ratio instructor : participant	Additional information
Muzzleloading pistol (BSA accredited camp)	Venturing, Sea Scouting	Eye and hearing protection	NRA/NMLRA certified muzzleloading instructor	NRA/NMLRA certified muzzleloading instructor	long term camp: 1 qualified staff and appropriate assistants Short-term camp and Day Camp: 1 qualified staff and appropriate assistants AND NRA RSO.	1:6 for instruction 1:1 when loading and firing	
Muzzleloading pistol (unit activity)	Venturing, Sea Scouting	Eye and hearing protection	NRA/NMLRA certified muzzleloading instructor AND NRA RSO	NRA/NMLRA certified muzzleloading instructor AND NRA RSO	2 people (RSO and at least one instructor)	1:3 for instruction 1:1 when loading and firing	
Archery (BSA Accredited Camp)	All program levels	Arm guards on bow arm, finger protection	Archery Rangemaster	Archery Rangemaster for Cub Scout; OR USA Archery Level 1	1 qualified staff and appropriate assistants	1:8	
Archery (unit activity)	Scouts BSA, Venturing, Sea Scouting	Arm guards on bow arm, finger protection	USA Archery Level 1 or higher	USA Archery Level 1 or higher	1 qualified staff and appropriate assistants	1:8	
Tomahawks/ knives	Scouts BSA, Venturing, Sea Scouting	Eye protection	Responsible adult (18+) familiar with the use of tomahawk/knife throwing	Responsible adult (18+) familiar with the use of tomahawk/knife throwing	1 qualified staff and appropriate assistants	1:4	Activity must be approved by a council Shooting Sports Chair or National Camping School Shooting Sports Director.
Catapults (see catapults in chapter 10)	All program levels (as appropriate)	Eye protection	NRA Range Safety Officer	NRA Range Safety Officer			Activity must be approved by council SS Chair or National Camping School SS Director
Chalkball/ Paintball (BSA accredited Camp programs only)	Scouts BSA, Venturing, Sea Scouting	Eye and hearing protection	NRA Range Safety Officer	NRA RSO	1 qualified staff and appropriate assistants	1:1	See also Chalkball Shooting Program Guide, page 205 Council must apply to operate this activity
Multi-gun Airsoft experience	Scouts BSA, Venturing, Sea Scouting	Eye Protection	BB Gun Rangemaster with Airsoft endorsement Coach (authorized by airsoft instructor) Volunteer (as needed for event)	BB Gun Rangemaster with Air Soft endorsement National Camping School shooting Sports Director NRA Rifle Instructor with Airsoft endorsement	2 qualified staff and appropriate assistants	1:1 1 Instructor per bay 1 Coach per bay	See also Multi-gun Airsoft Experience Operations Guide. Appendix 12, page 191. Airsoft endorsement is conducted through the council Shooting sports committee. Council must apply to operate this activity

Program	Participants	Safety equipment	Minimum program supervision requirements	Qualified staff to open the range	Minimum number of staff to operate	Ratio instructor : participant	Additional information
Sporting arrows (BSA accredited Camp programs only)	Scouts BSA, Venturing, Sea Scouting	Arm guards on bow arm, finger protection	USA Archery Level 1 or higher instructor	USA Archery Level 1 or higher instructor	1 qualified staff and appropriate assistants	1:3	See also Sporting arrows Shooting Program Guide. Appendix 19, page 251. Council must apply to operate this activity
Cowboy action (BSA accredited Camp programs only)	Scouts BSA (14 or 13 and completed 8th grade), Venturing, Sea Scouting	Eye and hearing protection	NRA certified instructor for each discipline AND NRA RSO	National Camping School shooting Sports Director with current appropriate endorsements Appropriate NRA Instructor for each firearm (separate certifications required for each firearm)	Long-term camp: 1 appropriately NRA certified staff at each station and appropriate assistants Short-term and Day Camp: 1 appropriately NRA certified staff at each station and appropriate assistants AND NRA RSO	1:1	See also Cowboy Action Shooting Program Guide. Appendix 14, page 215. Council must apply to operate this activity