To: CARAVAN CO., LTD.

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Premana, 08.09.2022

Air Rescue Evo Sit ref. 298201（国内品番：5298201）と
Air Rescue Evo Chest ref.298202（国内品番：5298202）を組み合わせて
使用する CAMP 社製フルボディハーネスが 2019 年 2 月 1 日から適用される
墜落制止用器具に関する日本の規制に適合することの宣言書

C.A.M.P.社は下記の商品

Air Rescue Evo Sit ref. 298201（国内品番：5298201）と
Air Rescue Evo Chest ref.298202（国内品番：5298202）を
組み合わせて使用するフルボディハーネス

が、日本の厚生労働省が発表し、2019 年 2 月 1 日から適用される、墜落制止用器具に関する新しい日本の規制に準拠していることを宣言します。

適合性の評価に適用される、JIS T8165：2018 と同等またはそれ以上の方法：
EN 361:2002; EN 813:2008; EN 12227:2015 + A1:2018

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証明書番号：0082/479/136/09/19/1034 0082/479/160/09/19/1038
次の認証機関によって発行されています。:
APAVE SUDEUROPE SAS - CS60193 - 13322 Marseille CEDEX 16 - France - N.0082

日本の規制要件への適合性の詳細な評価については、3 ページ以降の別紙を参照ください。

アントニオ・コデガ
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ANNEX 1 to
"Conformity declaration of C.A.M.P. full body harness composed by Air Rescue Evo Sit ref. 298201 and Air Rescue Evo Chest ref.298202 to Japanese regulation for fall arrest equipment applicable starting from February 1st, 2019."

Product: C.A.M.P. Air Rescue Evo Sit + Chest ref.298201+298202 full body harness.

Third party testing/certification carried out: CE0123, EN 361:2002, EN 813:2008, EN 12227:2015+A1:2018.

Relevant article of Japanese regulation	Requirement of Japanese Ministry Regulation (English translation)	Equivalent or superior requirement prescribed by EN and/or ANSI standard used for C.A.M.P. Air Rescue Evo Sit + Chest ref.298201+298202 full body harness certification or internal additional testing	C.A.M.P. Air Rescue Evo Sit + Chest ref.298201+298202 full body harness features that meet specific requirement	Assessment
1.1	Full body harness: a device with a structure that supports the load applied to the body of a person who wears a fall prevention device (hereinafter referred to as a "wearer") at the shoulder,waist, thigh, etc. when stopping fall.	EN 361:2002 - 3.1	"Air Rescue Evo Sit + Chest ref.298201+298202" full body harness is certified according EN 361:2002 as full body harness. Full body harness is a body support primarily for fall arrest purposes, i.e. a component of a fall arrest system. The full body harness comprises straps, fittings, buckles or other elements, suitably arranged and assembled to support the whole body of a person and to restrain the wearer during a fall and after the arrest of a fall.	POSITIVE
1.2	Torso (body) belt: a belt-like device worn on the waist of the body.	EN 813:2008 - 3.6, 3.7, 3.8	"Air Rescue Evo Sit + Chest ref.298201+298202" full body harness is certified according EN 813:2008 (sit harness). Waist belt is a body support that encircles the body at the waist. In the case of this harness, it serves as waist support for suspension (no side attachment points for work positioning).	POSITIVE
3.1.1	The structure which appropriately supports the load applied to the wearer's body by the full body harness in the shoulders, waist, thighs, etc. when stopping the fall.	EN 361:2002 - 4.2	"Air Rescue Evo Sit + Chest ref.298201+298202" full body harness supports the load in the shoulders, waist, thighs when stopping the fall.	POSITIVE
3.1.2	The full body harness should be able to fit the wearer properly.	EN 361:2002 - 4.2	"Air Rescue Evo Sit + Chest ref.298201+298202" full body harness is equipped of adjustment buckles at the shoulders, at the waist, at the thighs, at the sit-chest connection in order to fit the wearer properly. It is supplied in three different sizes.	POSITIVE
3.1.3	The full body harness should be able to be properly connected to lanyards (including energy absorbers).	EN 361:2002 - 4.2	"Air Rescue Evo Sit + Chest ref.298201+298202" full body harness is equipped of one fall arrest attachment element (sternal) to connect energy absorbing lanyards.	POSITIVE

3.1.4	Buckles should be able to be properly coupled and the connection not be easily removed.	EN 361:2002 - 4.2	All buckles installed in the "Air Rescue Evo Sit + Chest ref.298201+298202" are designed to be released only by at least two deliberate manual actions and they cannot unintentionally open.	POSITIVE
3.2.1	The structure shall properly support the load applied to the wearer's body by the torso belt at the torso portion when stopping the fall.	EN 813:2008 - 4.2.3, 4.2.4, 5.3.2.5, 5.3.2.6	Waist belt of "Air Rescue Evo Sit + Chest ref.298201+298202" is designed to support the wearer at the torso portion. Note: for European use, connection to waist belt for fall arrest purposes is not allowed.	POSITIVE
3.2.2	The torso belt can be properly adapted to the wearer.	EN 813:2008 - 4.2.5, 5.3.2.6	"Air Rescue Evo Sit + Chest ref.298201+298202" full body harness is equipped of adjustment buckles the waist in order to fit the wearer properly. It is supplied in three different sizes.	POSITIVE
3.2.3	The torso belt should be able to be properly connected to lanyards.	EN 813:2008 - 4.2.2, 5.3.2.3	Waist of "Air Rescue Evo Sit + Chest ref.298201+298202" is provided of one ventral attachment point for suspension.	POSITIVE
4.1	Full body harness Full body harness must not be broken when a tensile load of 15.5kN is applied to the head direction(side) of the torso or when a tensile load of 10.0kN is applied to the torso's foot (side) in the part direction according to the method of the tensile test specified in Japanese Industrial Standard T8165(the fall arrest device) or a method equivalent thereto.	EN 361:2002 - 4.3 EN 364:1992 - 5.1.4.2, 5.1.4.3	Sternal attachment point for fall arrest of "Air Rescue Evo Sit + Chest ref.298201+298202" full body harness is certified according EN 361:2002 for 15 kN for 3 min. head up and 10 kN for 3 min. head down. Additional internal testing at C.A.M.P. s.p.a. R&D highlighted a breaking strength head up of more than 15.5 kN.	POSITIVE
5	The material of the parts of the fall arrest device listed in the upper column of the table of the preceding article has the strength shown below in the table when the part is subjected to the mechanical, thermal and chemical actions assumed under normal use conditions.	EN 361:2002 - 4.2 EN 813:2008 - 4.2.1, 5.3.2.1	Materials used for the manufacturing of "Air Rescue Evo Sit + Chest ref.298201+298202" full body harness meet basic requirements prescribed by international standards for this kind of activities. Limitation of conditions for "normal use" are described in the user's manual.	POSITIVE
6.1	Full body harness (1) Width of the main part that supports the load applied to the wearer's body when stopping a fall is 40 mm or more. (2) The width of parts other than the parts of the preceding item must be at least 20 mm. (3) Sewing and shape are appropriate for safety.	EN 361:2002 - 4.2 EN 813:2008 - 4.2.1, 4.2.3, 4.2.4, 5.3.2.1, 5.3.2.2, 5.3.2.5, 5.3.2.6	For the construction of "Air Rescue Evo Sit + Chest ref.298201+298202" full body harness, parts that support the loads are composed by a webbing covered by a padding whose width is 40 mm or more. Secondary webbings used are all wider than 20 mm. They are all made of polyester or polyamide. Stitchings are made from virgin polyamide fiber (>0.6 N/tex) and with color contrasting with the webbing for appropriate safety.	POSITIVE

6.2	Torso belt (1) Width must be 50 mm or more (40 mm when combined with the auxiliary belt). (2) The sewing and shape should be appropriate for safety.	EN 813:2008 - 4.2.1, 4.2.4, 5.3.2.1, 5.3.2.2, 5.3.2.6	Torso belt of "Air Rescue Evo Sit + Chest ref.298201+298202" is manufactured by a padding strengthened by load bearing binding tapes (no webbing inside). The torso belt is more than 50 mm wide in all sections. Stitchings are made from virgin polyamide fiber (>0.6 N/tex) and with color contrasting with the webbing for appropriate safety.	POSITIVE
6.3	Auxiliary belt (1) Width must be 75 mm or more. (2) Thickness must be 2 mm or more. (3) Sewing and shape are appropriate for safety.	EN 813:2008 - 4.2.1, 4.2.4, 4.2.1.2, 5.3.2.1, 5.3.2.2, 5.3.2.6	Auxiliary belt of "Air Rescue Evo Sit + Chest ref.298201+298202" is a unique part with the torso belt. Back width is 115 mm. Thickness is more than 4 mm. Stitchings are made from virgin polyamide fiber (>0.6 N/tex) and with color contrasting with the webbing for appropriate safety.	POSITIVE
6.4	Buckles The belt can be reliably held when a test is conducted according to the method of vibration test defined in Japanese Industrial Standard T8165 (the fall arrest device) or a method equivalent thereto.	EN 813:2008 - 4.2.5.1, 5.3.2.8	All buckles included in the "Air Rescue Evo Sit + Chest ref.298201+298202" full body harness have been tested for repeated loading in order to check for slippage of the webbing. All buckles are conform.	POSITIVE
7	The components of the fall arrest device must be properly connectable and also not loosen easily. The connection parts must be not to cause any malfunction by connecting the fall arrest device.	EN 813:2008 - 4.2.2.1, 4.2.5, 5.3.2.3, 5.3.2.8	All buckles included in the "Air Rescue Evo Sit + Chest ref.298201+298202" full body harness have been tested for repeated loading in order to check for slippage of the webbing. Connection parts are desinged in order to avoid any malfunctioning when connecting compatible components.	POSITIVE
8.1	The full harness must hold the torso when it is tested by the torso based on the drop test defined in Japanese Industrial Standard T8165 (the fall arrest device) or equivalent tests.	EN 361:2002 - 4.4, 5.2 EN 364:1992 - 5.1.2	Sternal attachment point of the "Air Rescue Evo Sit + Chest ref.298201+298202" full body harness has been dynamically tested according EN 361 for a 4 m fall with 100 kg dummy, head up first then head down. The dummy was successfully retained.	POSITIVE
8.2	The angle between the centerline of the torso and the lanyard should be no more than 45 degrees above the neck of the torso when performing the test of the preceding paragraph. However, in the case where a connector for connecting a full harness and a lanyard rope or the like is provided on the front of the body, etc., the angle may not exceed 50 degrees.	EN 361:2002 - 4.4, 5.2 EN 364:1992 - 5.1.2	After dynamic tests, angles of less than 50° have been detected for the sternal point. Note: detected angle may vary depending on the type of adjustment of the harness on the dummy.	POSITIVE

9	The fall arrester shall be such that the type of fall arrester, the name of the manufacturer and the date of manufacture are displayed in an easy-to-see place.	EN 361:2002 - 6 EN 365:2004 - 4.8.1	Label including name and address of manufacturer, brand, model and month+year of manufacturing is placed at one side of the auxiliary belt and at one end of the shoulder padding, it's easily accessible and properly protected by abrasion.	POSITIVE
FINAL ASSESSMENT for C.A.M.P. Air Rescue Evo Sit + Chest ref.298201+298202 full body harness.				POSITIVE